APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001237800044-6

SOV/65-58-11-9/15

AUTHORS: Larina, V. A; Baranskiy, A. D; Polyakova, V. N. and Gdinets N. F.

TITLE: Characteristics of Behaviour of Sulphur of Irkutsk Coals During Their Separation in Heavy Liquids (Osobennosti povedeniya sery Irkutskikh ugley pri razdelenii ikh v tyazhelykh zhidkostyakh)

PERIODICAL: Khimiya i Tekhnologiya Topliv i Masel, 1958, Nr 11, pp 36 - 43 (USSR)

ABSTRACT: K. I. Ammosov (Ref. 3) developed a method for determining the properties of sulphur in sulphur-containing Irkutsk coals. The authors investigated coals from Vladimir. The sulphur content of these coals is compared with those from Zabituyskoye i Delyurskoye deposits; the latter contain a very large quantity of organic sulphur (Table 1). The authors also determined the content of various types of sulphur in semi-cokes and in hard residues (Table 2). Finely-pulverised samples of the coals were separated into fractions in a mixture of carbon tetrachloride and benzene. The separation was accelerated by centrifuging the samples. The molecular weights of the liquids for separating the coal grade D were selected as follows: 1.40,

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ODINETS, I. S. (g. Budapesht)

Pride of the Hungarian laboring class. Sov. profsoiuzy 17 no. 5:43-44 Mr '61. (MIRA 14:2)
(Hungary—Labor and laboring classes)

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001237800044-6

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001237800044-6

ODINETS, Mikhail Semenovich, zhurnalist; GALAGANENKO, Z.I., red.; KUZNETSOVA, G.I., tekhn.red.

[Hyngary of today] Vengriia etikh dnei. Moskva, Izd-vo "Sovetskaia Rossiia," 1959. 50 p. (MIRA 12:9)
(Hungary--Description and travel)

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001237800044-6

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001237800044-6

ODINETS, M. S.

37M/6
783.2
.T6

VENGRIYA SEGODNYA (HUNGARY TODAY, BY) L. N. TOLKUNOV I M. S. ODINETS. MOSKVA, GOSPOLITIZDAT, 1957. 71 p.

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001237800044-6

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001237800044-6

ODINETS, L. L., Cand of Tech Sci -- (diss) "Studying Processes of Molding Aluminum Foil by Alternating Current in the Production of Electrolytic Capacitors," Novosibirsk, 1959, 8 pp (Ministry of Higher and Secondary Special Education, RSFSR. Leningrad Polytechnical Institute im M. I. Kalinin) (KL, 7-60, 108)

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001237800044-6

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001237800044-6

NATAPOV, B.S.; BARZIY, V.K.; OL'SHANETSKIY, V.Ye.; Prinimali uchastiye: FILONOV, V.A., inzh.; YUDIN, M.I., inzh.; IOFFE, M.M., inzh.; POPOV, S.M., inzh.; RYBALKO, G.I., inzh.; ODINETS, L.I., inzh.; SIGALKO, F.V., inzh.; TSIVIRKO, D.Ye.; VOLOSHCHUK, M.D., inzh.

Heat treatment of cold-rolled sheet metal. Stal' 22 no.2:163-165 F '62. (MIRA 15:2)

1. Zaporozhskiy mashinostroitel'nyy institut i zavod "Zaporozhstal'". 2. Zavod "Zaporozhstal" (for Filonov, Yudin, Ioffe, Popov, Rybalko, Odinets). 3. Zaporozhskiy mashinostroitel'nyy institut (for Sigalko, TSivirko, Voloshchuk).
(Sheet steel—Heat treatment)

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001237800044-6

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001237800044-6

ODINETS, B.Yu.; FEDOT'YEV, Yu.P.; SEREBRYANYY, G.M.; SMIRNOV, B.K., otv. red.; TEMKINA, Ye.L., tekhn.red.

[Standards and estimates for building and assembly work] Edinye normy i rastsenki na stroitel'nye, montazhnye i remontno-stroitel'nye raboty 1960 g. Moskva, Gos.izd-vo lit-ry po stroit., arkhit. i stroit.materialam. No.21. [Making units and details of pipelines and preparing reinforcements] Izgotovlenie uzlov i detalei truboprovodov i podgotovka armatury. 1960. 111 p. (MIRA 13:8)

1. Russia (1923- U.S.S.R.) Gosudarstvennyy komitet po delam stroitel'stva. 2. Normativno-issledovatel'skaya stantsiya tresta Yuzhsantekhmontazh (for Odinets). 3. Normativno-issledovatel'skaya stantsiya tresta Uralsantekhmontazh (for Fedot'yev). 4. TSentral'noye normativno-issledovatel'skoye byuro Ministerstva stroitel'stva RSFSR (for Serebryanyy).

(Pipelines)

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001237800044-6

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001237800044-6

ACCESSION NR: AR4014426

coefficients in the case of the plastic problem). He presents the integral of such an equation in its general form.

Note of the [Russian] abstracter: The solution proposed by the author is only approximate since the quantities I_{1N}, I_{2M_1}, and I_{3M_1} are assumed constant during the derivation of the equation (2.7) (in reality they are functions of the coordinate α). Yu. R. Lepik.

DATE ACQ: 18Feb64 SUB CODE: AP, MM ENCL: 00

Card 2/2

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001237800044-6

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001237800044-6

ACCESSION NR: AR4014426 S/0124/64/000/001/V029/V030

SOURCE: RZh. Mekhanika, Abs. 1V227

AUTHOR: Odinets, A. V.

TITLE: Elastic-plastic symmetric deformation of the constructively orthotropic cylindrical shells

CITED SOURCE: Sb. nauchn. tr. Kiyevsk. inzh.-stroit. in-t, vy*p. 20, 1962, 191-199

TOPIC TAGS: elastic-plastic deformation, cylindrical shell, symmetric deformation, orthotropic shell

TRANSLATION: The elastic and plastic state of the closed circular axially symmetric elastic cylindrical shells has been studied for shells reinforced by dense networks of stringers and ribs. The design takes care of the constructive orthotropy by the reduced shell thicknesses as proposed by V. Z. Vlasov (Izv. AN SSSR. Otd. tekhn. n., 1949, No 6). The author utilizes the theory of small elastic-plastic deformations while assuming the shell material to be incompressible. He introduces the determining equation of the problem (an inhomogeneous fifth order differential equation with constant coefficients in the case of the elastic problem, and with variable

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APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001237800044-6

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001237800044-6

ODINETS, A. A., Cand Tech Sci -- (diss) "Stressed condition under a shaping press immersed in a resilent half-space." Kiev, 1958. 16 pp; with charts; (Ministry of Higher Education Ukrainian SSR, Kiev Construction Engineering Inst); 100 copies; price not given; (KL, 19-60, 135)

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001237800044-6

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001237800044-6

ODINA, M. F.

PA 197T87

USSR/Metals - Aluminum, Alloys, Casting Sep 51

"On Treatment of Aluminum-Magnesium Alloys in Liquid State," M. F. Odina, Engr, Docent M. V. Sharov, Cand Tech Sci, Moscow Avn Technol Inst

"Litey Proiz" No 9, pp 18-27

Assuming that introduction of hydride-forming elements into Al-Mg alloys may serve as effective measure against porosity in castings, suggests treatment of molten metal with salts of Zr. Effectiveness of process is similar to action of Cl. Observed considerable decrease of grain size and improvement in mech properties of Al-base alloy AL-8.

197T87

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001237800044-6

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001237800044-6

ODINA, Kh.M.

Time of the development of pulmonary vascular changes in ventricular insufficiency of atherosclerotic origin. Vest. AMN SSSR 29 no.12:69-72 '64. (MIRA 18:4)

1. 3-ya Moskovskaya gorodskaya klinicheskaya bol'nitsa.

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001237800044-6

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ILLEGIBLE

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001237800044-6

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001237800044-6

YESIPOVA, I.K.; ODINA, K.M. (Moskva)

Aneurysm of Valsalva's sinus in hypertension. Arkh. pat. no.7:49-53 '64. (MIRA 18:7)

1. Patalogoanatomicheskoye otdeleniye (zav. - L.L.Kapuller; nauchnyy rukovoditel' - prof. I.K.Yesipova) 52-y Gorodskoy klinicheskoy bol'nitsy (glavnyy vrach - D.Ya.Berman).

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001237800044-6

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001237800044-6

KAPULLER, L.L.; ODINA, K.M. (Moskva)

Changes in the pulmonary vessels in postinfarct cardiosclerosis and their significance in the development of right ventricular hypertrophy. Arkh. pat. 25 no.9:28-34 '63.

(MIRA 17:10)

1. Iz patologoanatomicheskogo otdeleniya (zav. L.L. Kapuller, nauchnyy rukoveditel' - prof. I.K. Yesipova) Moskovskoy gorodskoy klinicheskoy bol'nitsy No.52 (glavnyy vrach P.S. Petrushko).

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001237800044-6

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001237800044-6

SHAKHMALIYEVA, Z.M.; ODINA, K.M.

Comparison of the morphological changes and antigen production in the lungs in influenzal infection; based on materials from legal medical autopsies and experiments. Sud.-med. ekspert. 4 no.3:26-32 Jl-S '61. (MIRA 14:10)

1. Byuro sudebnomeditsinskoy ekspertizy (nachal'nik L.S.Veleisheva) Mosgorzdravotdela.
(INFLUENZA) (ANTIGENS AND ANTIBODIES)

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001237800044-6

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001237800044-6

GOL'DINA, B.G.; ODINA, K.M.

Waterhouse-Friderichsen's syndrome in the sudden death of children. Sud.-med. ekspert. 3 no.3:32-35 Jl-S '60. (MIRA 13:9)

1. Byuro sudebnomeditsinskoy ekspertizy (zav. L.S.Velisheva) Moskovskogo gorodskogo otdela zdravookhraneniya.
(COCCAL INFECTIONS) (DEATH--CAUSES)

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001237800044-6

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001237800044-6

BRONSHTEYN, Ye.Z.; ODINA, K.M.

Sudden death in influenza of the brain. Sud.-med.ekspert. 2 no.4: 27-32 O-D '59. (MIRA 13:5)

1. Kafedra sudebnoy meditsiny II Moskovskogo gosudarstvennogo meditsinskogo instituta imeni N.I. Pirogova (zav. - prof. V.M. Smol'yaninov) i Byuro Moskovskoy gorodskoy sudebnomeditsinskoy ekspertizy (zav. - L.S. Velisheva).
(INFLUENZA) (BRAIN--DISEASES)

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001237800044-6

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001237800044-6

SUDAKOVA, S.A.; ODINA, K.M.

Effect of pyridoxine on the clinical and morphological picture of experimental hepatitis. Vop. pit. 23 no.1:36-43 Ja-F '64. (MIRA 17:8)

1. Iz klinicheskogo otdela (zav. - doktor med. nauk M.I. Shevlyagina) Nauchno-issledovatel'skogo instituta vitaminologii i patologo-anatomicheskogo otdeleniya (zav. L.L. Kapuller) 52-y gorodskoy klinicheskoy bol'nitsy, Moskva.

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APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001237800044-6

LABRENTS, V. [Labrencis, V.]; ODIN', Ya. [Odins, J.]; SPRIVULIS, Z., red.; ZHAGARS, A., tekhn. red.

[Tables for the calculation of earthwork with trapezoidal and trapezoidal-parabolic cross sections] Tablitsy dlia rascheta zemlianykh rabot pri trapetseidal'noi i trapetseidal'no-parabolicheskoi forme poperechnykh sechenii. Riga, Latviiskoe gos. izd-vo, 1963. 236 p. (MIRA 16:4)
(Earthwork--Tables, calculations, etc.)

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001237800044-6

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001237800044-6

ODIN', Ya.[Odins,J.]; BUSH,K.[Buss,K.]; KLYAVIN', Ya. [Klavins,J.]; MAYKE,P.[Maike,P.]; GRUZIS,A., kand. sel'khoz.nauk, retsenzent; OZOLIN,K.[Ozolins,K.], inzh., lesokhoz., retsenzent; LIELPETERS,P., red.; KRASOVSKA, M., tekhn. red.

[Drainage of forests] Mezu nosusinasana. By J.Odins. and others. Riga, Latvijas Valsts izdevnieciba, 1960. 282 p. [In Latvian] (MIRA 14:12)

(Latvia--Forests and forestry) (Drainage)

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001237800044-6

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001237800044-6

L 06573-67 EWT(m)/EWP(t)/ETI IJP(c) JD

ACC NR: AP6029814 (A) SOURCE CODE: UR/0363/66/002/008/1397/1402

26
B

AUTHOR: Novoselova, A. V.; Odin, I. N.; Popovkin, B. A.

ORG: Department of Chemistry, Moscow State University (Moskovskiy gosudarstvennyy universitet, khimicheskiy fakul'tet)

TITLE: Investigation of the PbSe-PbI_2 cross section of the ternary system Pb-Se-I_2

SOURCE: AN SSSR. Izvestiya. Neorganicheskiye materialy, v. 2, no. 8, 1966, 1397-1402

TOPIC TAGS: lead, selenium, iodine, phase diagram, phase structure, phase equilibrium

ABSTRACT: The fusibility diagram of the PbSe-PbI_2 system was studied by thermal, x-ray, and microstructure techniques. The samples were prepared by fusing suitable mixtures of pure components in vacuo. The results are graphed and tabulated. The diagram of the PbSe-PbI_2 system was found to have one eutectic point. At this point, at 384°C, the PbSe content is equal to 14 mol %. Under cooling, the melts of the PbSe-PbI_2 system were found to behave as if they were in a non-equilibrium condition. This was reflected in compensation effects on the cooling curve. X-ray examination revealed two modifications of PbI_2 in the melts. The solubility limit of PbI_2 in the solid PbSe at 384°C was found to be equal to 0.8 mol % PbI_2. Orig. art. has: 3 figures, 2 tables.

SUB CODE: 11,20/ SUBM DATE: 28Mar66/ ORIG REF: 001/ OTH REF: 004

UDC: 546.815+546.23+546.15

Card 1/1

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001237800044-6

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001237800044-6

L 17011-63 EWP(q)/EWT(m)/BDS AFFTC/ASD RDW/JD
S/078/63/008/005/014/021

58

AUTHOR: Popovkin, B. A., Odin, I. N. and Novoselova, A. V.

TITLE: A PbO - PbSe system

PERIODICAL: Zhurnal neorganicheskoy khimii, v. VIII, No. 5, May 1963, 1224-1227

TEXT: This work is a continuation of an investigation of chemical reaction in the trinary system leadselenium-oxygen and of the fusion diagrams of individual sections of this system. The authors conclude from their experimental study that at temperatures up to 1100° PbSe definitely does not interact with PbO. On the basis of a thermal and X-ray analysis they construct a fusion diagram for a PbO - PbSe system. The system was of simple eutectic type, with fusion point at 760 ± 10° and 20 mol % PbSe. There are 2 figures and 2 tables.

ASSOCIATION: Moskovskiy gosudarstvennyy universitet im. Lomonosova (Moscow State University im. M. V. Lomonosov)

SUBMITTED: November 16, 1962

Card 1/1

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001237800044-6

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001237800044-6

ODIN, I.M., inzh.

Calculating crane bridges for horizontal loads. Vest. mashinostr. 44 no.11:41-42 N '64 (MIRA 18:2)

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001237800044-6

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001237800044-6

ODIN, I.M., inzh.

Designing upper booms of crane trusses. Vest.mashinostr. 42 no.8:28-30 Ag '62. (MIRA 15:8)
(Cranes, derricks, etc.)

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001237800044-6

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001237800044-6

ODIN, I.M.

Calculating stress on the walls of crane girders from the shifting of a rail. Prom. stroi. 40 no.3:58-60 '62. (MIRA 15:3)

(Beams and girders)

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001237800044-6

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001237800044-6

ODIN, I.M., inzh.

Calculating stresses in the upper-band sheet of box beams of crane bridges. Vest.mash. 41 no.9:37-39 S '61. (MIRA 14:9)
(Cranes, derricks, etc.)

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001237800044-6

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001237800044-6

SOV/122-58-7-5/31

Contribution to the Stressing of the Bridge Structures in Heavy Foundry Cranes

consideration of end fixings and of constrained torsion. It is shown that significant differences exist compared with the customary approximate method.
There are 5 figures, 1 table and 5 Soviet references.

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APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001237800044-6

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001237800044-6

AUTHOR: Odin, I.M., Engineer SOV/122-58-7-5/31

TITLE: Contribution to the Stressing of the Bridge Structures in Heavy Foundry Cranes (K raschetu mostov tyazhelykh liteynykh kranov)

PERIODICAL: Vestnik Mashinostroyeniya, 1958, Nr 7, pp 20-23 (USSR)

ABSTRACT: The bridge structures of steel works cranes rated 175 - 350 tons constitute a space system. A method is proposed to replace the customary approximation of sub-dividing into simple plane beams. The method is applicable to bridge cranes produced by the Novo-Kramatorskiy mashinostroitel'nyy zavod (Novo-Kramatorskiy Engineering Works). The cranes have two hoist carriages. Both the structure and the load system are symmetrical with respect to the longitudinal axis of the bridge. Thus, half the structure only need be considered. The load system is split into a symmetrical and a skew-symmetrical system. The basic structure is diagrammatically illustrated in Figure 1 and the two load systems in Figure 2. The beams are designed as box beams. The end conditions are stated in approximate simplified form and the stress analysis is given in detail using the method of displacements. The main merit of the proposed method is the

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ODILOV, S.

Saving cotton is the urgent problem. Pozh. delo 5 no.6:13-14 Je '59. (MIRA 12:8)

1. Pozharnyy inspektor Chartakskogo rayona, Namanganskaya oblast'.
(Chartak--Cotton)

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001237800044-6

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001237800044-6

SHISHNIASHVILI, M.Ye.; PIRTSKHALAVA, M.V.; ODILAVADZE, L.N.

Complexons from natural compounds. Trudy Inst.khim.AN Gruz.SSR 16:111-116 '62. (MIRA 16:4)

(Complexons)

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001237800044-6

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L 8570-65
ACCESSION NR: AP4045406

thermal destruction. These stabilizers are complex mixtures consisting of the type of polyhydroxy carboxylic acids of low molecular weight, capable of producing water soluble and stable in alkaline medium complexes with polyvalent metals. These complexes are similar to metal-EDTA complexes, but are much more stable. These stabilizers enable production of ferric hydroxide colloids up to the concentration of 119 g/l. Further increase of the concentration of sols was done by evaporation at 50-60°C. Without exception all sols of polyvalent metal hydroxides were negatively charged, which is characterized by the nature of the stabilizer. All these sols are polydispersed and consist of spherical particles. Their particle size ranges from 10 to 460 m . Orig. art. has: 2 tables and 2 figures.

ASSOCIATION: Institut khimii AN GSSR im. P G Melikishvili (Chemistry Institute Academy of Sciences GSSR)
SUBMITTED: 12May63 ENCL: 00

SUB CODE: GC NO REF SOV: 002 OTHER: 002

Card 2/2

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001237800044-6

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001237800044-6

L 38590-65 EWT(m)/EPF(c)/EPA(w)-2/EWP(j)/EWP(b)/T/EWP(t) Po-4/Pab-10/Pr-4
IJP(c) WF/JD/WW/RM
ACCESSION NR: AP4045486 S/0069/64/026/005/0625/0628

AUTHOR: Shishmanshvili, M. Ye.; Bateanadze, A. L.; Odilavadze, L. N.

TITLE: Highly concentrated colloidal dispersions of polyvalent metal hydroxides

SOURCE: Kolloidnyy zhurnal, v. 26, no. 5, 1964, 625-628

TOPIC TAGS: polyvalent metal complex, colloidal dispersion, polyvalent metal colloid, colloid stabilization, colloid stabilizer, sol

ABSTRACT: Conditions for production of highly concentrated and stable colloidal solutions of polyvalent metal hydroxides were studied and a number of their colloid chemical properties were investigated. Colloids were produced with di- and trivalent iron, manganese, aluminum, chromium, cobalt and copper. Sols were purified by ordinary [illegible] in cellophane sacks to pH 7-8 and specific conduct-

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APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001237800044-6

KEKELIDZE, M.A.; PUROVA, V.V.; ODILAVADZE, G.N.; DZHINCHARADZE, T.I.; GELASHVILI, Z.D.; MGELADZE, V.D.

Industrial sintering of washed fourth grade Chiatura manganese ore. Trudy Inst. met. AN Gruz. SSR vol. 13:3-5 '62. (MIRA 17:9)

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001237800044-6

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001237800044-6

KEKELEDZE, M.A.; PEROVA, V.V.; GELASHVILI, K.D.; DZHINCHARADZE, T.I.; ODILAVADZE, G.N.

Results of the industrial sintering of washed Chiatura 1 C manganese ores. Trudy Inst.met. AN Gruz. SSR 12:19-28 '62. (MIRA 15:12)
(Chiatura region—Manganese ores) (Sintering)

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001237800044-6

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001237800044-6

KEKELIDZE, M.A.; ODILAVADZE, G.N.; MGELADZE, V.D.; DZHINCHARADZE, T.I.; GELASHVILI, K.D.

Use of pyrite cinder from the Ingur Paper Combine in the production of basic iron. Trudy Inst.met. AN Gruz. SSR 12:3-17 '62. (MIRA 15:12)

(Ingur Valley—Paper industry-By-products)
(Cast iron—Metallurgy)

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001237800044-6

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001237800044-6

KEKELIDZE, M.A.; ODILAVADZE, G.N.

Metallurgical properties of dolomitized Abano limestones. Trudy Inst. met. AN Gruz. SSR 11:53-56 '61.(MIRA 14:10)
(Abano--Limestone)

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001237800044-6

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001237800044-6

KEKELIDZE, M. A.; DZHINCHARADZE, T. I.; ODILAVADZE, G. N.

Study of pyrite cinders of the "Ingurbumcombinat" for the purpose of determining the possibility of their use in the sintering charge. Trudy Inst. met. AN Gruz. SSR 11:31-39 '61. (MIRA 14:10)

(Ingur Valley—Paper industry—By-products)
(Sintering)

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APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001237800044-6

KEKELIDZE, M.A.; DZHINCHARADZE, T.A.; ODILAVADZE, G.N.

Some metallurigacal properties of Dzama iron ores.
Trudy Inst. met. AN Gruz. SSR 11:15-22 '61. (MIRA 14:10)
(Dzama Valley--Iron ores)

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001237800044-6

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001237800044-6

KEKELIDZE, M.A.; MIKIASHVILI, Sh.M.; ODILAVADZE, G.N.

Investigating the viscosity of synthetic magnesia blast furnace slags. Trudy Inst. met. AN Gruz. SSR vol. 13:51-56 '62.
(MIRA 17:9)

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001237800044-6

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001237800044-6

[illegible]ADZE, V.V., Cand Agr Sci---(dis:) "Rearing of the mulberry silk-worm (Bombyx Mori L.) and part in methods of combatting it." Tbilisi, 1958. Publishing House of the Acad Sci Georgian SSR, 1958. 18 pp (Min of Agr GSSR, Georgian Order of Labor Red Banner Agr Inst), 100 copies. List of author's works, p 18 (10 titles)

(KL, [illegible], 110)

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001237800044-6

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001237800044-6

ODIKADZE, G.L.

Distribution of lithium, rubidium, and cesium in pegmatite minerals and metasomatic alterated rocks in the Vaza-Khekhskiy massif (North Ossetia). Geokhimiia no.4:434-436 Ap '63. (MIRA 16:7)

1. Kavkazskiy institut mineral'nogo syr'ya.
(Ossetia, North--Metals)
(Ossetia, North--Rocks, Crystalline and metamorphic)

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APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001237800044-6

ODIKADZE, G. L.

Cand Geol-Min Sci - (diss) "Internal structure of permatites of the Dzirul'skiy Crystal Massif and principles of rare element distribution therein." Tbilisi, Pub. Tbilisi Univ, 1961. 37 pp; 1 page of tables; (Tbilisi State Univ imeni Stalin, Caucasian Inst of Mineral Raw Materials of the Ministry of Geology and Conservation of Natural Resources USSR); 180 copies; free; (KL, 6-61 sup, 203)

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001237800044-6

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001237800044-6

ODIKADZE, G.L.

Albitization processes in Shrosha pegmatites. Soob.AN Gruz.SSR 24 no.4:435-442 Ap '60. (MIRA 13:7)

1. Kavkazskiy nauchno-issledovatel'skiy institut mineral'nogo syr'ya, Tbilisi. Predstavleno akademikom G.S.Dzotsenidze.
(Macharuka region--Pegmatites)

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001237800044-6

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001237800044-6

On Niobium and Tantalum Occurrence in Muscovites SOV/[illegible]
From Pegmatites of the **Dzirula Crystalline Massif**

In a table the content of the muscovite from Chroshi is compared to the contents of muscovites from Chupa (Kareliya) and Kyshtym (Ural). On the strength of the ionic radii, the electronegative character and the coordination number it is assumed that niobium enters isomorphously into the crystal lattice instead of aluminum. An equalization of the charge may occur by means of the isomorphous substitution of silicon by beryllium, the calculation shows that this substitution entails an energy gain. There are 1 table and 5 **Soviet references.**

ASSOCIATION: Kavkazskiy institut mineral'nogo syr'ya, Tbilisi (Tbilisi Caucasian Institute of Mineral Raw Materials)

SUBMITTED: March 26, 1958

1. Niobium--Determination 2. Tantalum--Determination
3. Minerals--Chemical analysis

Card 2/2

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APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001237800044-6

SOV/7-58-4-10/15

AUTHOR: Odikadze, G. L.

TITLE: On Niobium and Tantalum Occurrence in Muscovites From Pegmatites of the Dzirula Crystalline Massif (O nakhozhdenii niobiya i tantala v muskovitakh iz pegmatitov Dzirul'skogo kristallicheskogo massiva)

PERIODICAL: Geokhimiya, 1958, Nr 4, pp. 380 - 383 (USSR)

ABSTRACT: In the muscovites of Shroshi (Dzirula massif) Be, Ga, Sn, Ti, V and W were also found in unimportant quantities besides niobium and tantalum. Mica was investigated under the microscope in order to determine in which form Nb and Ta occur. There are no inclusions. No heavy fraction was found in the case of centrifuging with Thoulet's solution. The chemical analysis was carried out in the laboratory of the Ukrain. GIREDMET (analysts Surichan, Pashkova, Pekarskaya and others). Niobium was determined by means of the thiocyanate method (according to Alimarin), tantalum by means of the fluorine method (according to Nazarenko). The muscovites contain 0,05% Nb_2O_5 and 0,015% Ta_2O_5 (average from four analyses).

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CHIKADZE, G.I.

Some characteristics of the genesis of quartz ingrowths in graphic pegmatite structures as revealed by a study of a vein in the Dzirula Massif. Zap. Vses. min. ob-va 94 no.1:119-123 '65.
(MIRA 18:3)

1. Kavkazskiy institut mineral'nogo syr'ya, Tbilisi.

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001237800044-6

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001237800044-6

KASHAKASHVILI, N.V.; SHARADZENIDZE, S.A.; MALYSHEV, S.I.; CHKHEIDZE, Z.A. GIBRADZE, Sh.S.; KHOSHTARIYA, Sh.F.; RUKHADZE, D.A.; SHARASHIDZE, S. Sh. Prinimali uchastiye: SHENGELAYA, V.; OKROMCHEDLISHVILI, Sh.; POPIASHVILI, Sh.; LOLUA, K.; MINDELI, M.; TSKHELISHVILI, D.; GORDEZIANI, N.; ODIKADZE, Ch.; TATARADZE, Z.; KHUTSISHVILI, A.

Production and use of highly basic, open-hearth furnace sinters from Dashkesan iron ore. Trudy GPI [Gruz.] no.4:25-32 '62 (MIRA 17:8)

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001237800044-6

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001237800044-6

SOKOLOVSKIY, P.I.; [illegible]SKIY, P.D.; URITSKIY, M.R.; BARYNINA, I.M.; CHERNASHKIN, V.T.; ROZENSHTEYN, I.M.; KISSEL', N.N.

Low-carbon Bessemer steel for structural elements. Prom.stroi. 42 no.7:29-32 '65. (MIRA 18:8)

1. TSentral'nyy nauchno-issledovatel'skiy institut stroitel'nykh konstruktsiy (for Barynina). 2. Nauchno-issledovatel'skiy institut po montazhnym i spetsial'nym stroitel'nym rabotam (for Rozenshteyn). 3. Zhdanovskiy metallurgicheskiy zavod im. Il'icha (for Kissel').

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APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001237800044-6

ODESSKIY, N.A.

Origin of the conglomerates of the Unguz series (Zaunguzskiye Karakumy). Izv. AN Turk. SSR. Ser. fiz.-tekh., khim. i geol. nauk no.4:85-92 '61. (MIRA 14:12)

1. Institut geologii AN Turkmenskoy SSR.
(Zaunguzskiye Karakumy--Conglomerate)

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001237800044-6

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001237800044-6

VODOVOZOV, G.D., inzh.; ODESSKIY, M.L., inzh.

Organizing the grinding of hard-alloy cutting tools with synthetic diamond wheels. Mashinostroenie no.5:6-7 S-O '65. (MIRA 18:9)

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001237800044-6

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001237800044-6

ODESSKAYA-MEL'NIKOVA, L.A.; ODESSKIY, I.N.

Difficulties in the diagnosis of bone tumors. Ver. ark. 11 no.2:98-102 '65. (MIRA 18:7)

1. Iz Moskovskoy klinicheskoy bol'nitsy Nr. 52 (glavnyy vrach D.Ya. Berman) i Gorodskoy bol'nitsy Nr. 12 (ispolnyayushchiy obyazannosti glavnogo vracha - L.A. Svillo).

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APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001237800044-6

ODESSKAYA-MEL'NIKOVA, L.A.; ODESSKIY, I.N.

Giant-cell tumor of the bones. Vest. khir. 93 no.9:115-118 S '64. (MIRA 18:4)

1. Iz 52-y klinicheskoy (glavnyy vrach - D.Ya. Berman) i 12-y (ispolnyayushchiy obyazannosti glavnogo vracha - L.A.Svillo) bol'nits Moskvy.

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APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001237800044-6

ODESSKAYA-MEL'NIKOVA, L.A. (Moskva, A-55, Novoslobodskaya ul., 57/65, kv.17); ODESSKIY, I.N.

Late results of radiotherapy of a giant cell tumor of the bone (osteoblastoclastoma). Vop. onk. 9 no.6:16-24 '63. (MIRA 17:8)

1. Moskovskaya 52-ya klinicheskaya bol'nitsa (glavnyy vrach - P.S. Petrushko) i 12-ya gorodskaya Moskovskaya bol'nitsa (nauchnyy konsul'tant prof. zasluzhennyy deyatel' nauki I.L. Tager.

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APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001237800044-6

ODESSKAYA-MEL'NIKOVA, L.A.; ODESSKIY, I.N.

Malignant degeneration of giant cell tumors (osteoblastoclastoma) of the bone (4 case reports). Vop. onk. 6 no. 9:49-52 S '60. (MIRA 14:1)

(BONES--CANCER)

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APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001237800044-6

ODESSKAYA-MEL'NIKOVA, L.A. (Moskva, A-55, Novoslobodskaya ul., d.57/65, kv.17); LEYTES, F.L.; ODESSKIY, I.N.

Benign chondroblastoma of the bone; review of the literature. Vest.rent. i rad. 34 no.3:30-35 My-Je '59. (MIRA 12:10)

1. Iz 3-y kafedry rentgenologii (zav. - prof.I.L.Tager) TSentral'nogo instituta usovershenstvovaniya vrachey (dir. - prof.V.P. Lebedeva), rentgenodiagnosticheskogo otdela (zav. - prof.I.A. Shekhter), TSentral'nogo instituta rentgenologii i radiologii (dir. - dotsent I.G.Lagunova) Ministerstva zdravookhraneniya RSFSR i iz Moskovskoy 12-y gorodskoy bol'nitsy (glavnyy vrach V.G.Bryukhanov).

(CHONDROMA
bone, review (Rus))
(BONE AND BONES, neoplasms
chondroma, review (Rus))

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APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001237800044-6

ODESSKAYA-MEL'NIKOVA, L.A.; ODESSKIY, I.N.

Primary reticulosarcoma of the bone. Vop.onk. 5 no.4:481-484 '59. (MIRA 12:12)

1. Iz 3-y kafedry rentgenologii (zav. - prof. I.L. Tager) TSentral'nogo instituta usovershenstvovaniya vrachey (dir. - V.P. Lebedeva) i Moskovskoy 12-y gorodskoy bol'nitsy (glavnyy vrach - V.G. Bryukhanov). Adress avtora: Moskva A-55, Novoslobodskaya ul., d.57-65, pod"yezd 2, kv. 17.

(SARCOMA, RETICULUM CELL, case reports, rib (Rus))
(RIBS, neoplasms, sarcoma, reticulum cell (Rus))

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APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001237800044-6

ODESSKAYA-MEL'NIKOVA, L.A., AKOPOV, V.P., ODESSKIY, I.N.

"Vertebra plana" or Calve's syndrome. Probl.tub. 36 no.4:113-114 '58 (MIRA 11:7)

1. Iz tret'yey kafedry rentgenologii (zav. - prof. I.L. Tager) TSentral'nogo instituta usovershenstvovaniya vrachey (dir. V.P. Lebedeva) otdeleniy Klinicheskoy bol'nitsy imeni N.A. Semashko Ministerstva putey sooobshcheniya i iz 12-y Moskovskiy gorodskoy bol'nitsy (glavnyy vrach V.G. Bryukhanov).
(SPONDYLITIS, case reports
vertebra plana (Rus))

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ODESSKAYA-MEL'NIKOVA, L.A., ODESSKIY, I.N.

Primary bone reticulosarcoma; clinical roentgenological diagnosis from data of foreign literature from 1939 to 1956 [with summary in English]. Vest.rent. i rad. 33 no.5:78-84 S-O '58 (MIRA 11:11)

1. Iz 3-y kafedry rentgenologii (zav. - prof. I.L. Tager) TSentral'nogo instituta usovershenstvovaniya vrachey (dir. V.P. Lebedeva, TSentral'nogo instituta rentgenologii i radiologii (dir. dotsent I.G. Lagunova) i Moskovskoy 12-y gorodskoy bol'nitsy (glavnyy vrach V.G. Bryukhanov).
(SARCOMA, RETICULUM CELL, diag.
review (Rus))

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ODESSKIY, I.A.

Vertical tectonic movements in Zaunguzskye Karakumy. Izv.AN Turk.SSR.Ser.fiz.-tekh., khim.i geol.nauk no.2:68-72 '63. (MIRA 17:3)

1. Institut geologii AN Turkmenskoy SSR.

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ACCESSION NR: AP4002535

the authors found that during the initial deformation stage, strain hardening occurs, due to rising internal stresses, which considerably increases the hardness while the austenite still retains its stability. A further stretching (more than 5-10%) causes the austenite to decompose to martensite. The higher the initial proportion of austenite in the sample, the greater its stability. The presence of martensite sharply increases the magnetic saturation and specific electrical conductivity of steel, as well as its hardness. Strain hardening greatly increases the ultimate tensile strength and yield stress. Examination of the 1Kh18N2AG5 shows that a biphasic structure (austenite - ferrite) may ensure an adequate combination of strength (due to decomposition of austenite to martensite) and plasticity (due to the presence of soft ferrite and the residual austenite). The authors conclude that in a number of cases, to meet a Ni shortage, 1Kh18N2AG5 can be recommended as a substitute for 1Kh18N9T. The testing procedure is given in detail in the article, including microstructural studies and conductivity measurements. Orig. art. has: 2 tables, 1 figure and graphs.

ASSOCIATION: Moskovskiy aviatsionny*y tekhnologicheskiy institut (Moscow institute of aviation technology)

SUBMITTED: 12Apr62 DATE ACQ: 27Dec63 ENCL: 00

SUB CODE: ML NO REF SOV: 005 OTHER: 001

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APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001237800044-6

ACCESSION NR: AP4002535 S/0148/63/000/011/0177/0181

AUTHOR: Odesskiy, D. A. ; Vozdvizhenskiy, V. M.

TITLE: Change of stainless steel properties during cold plastic deformation

SOURCE: IVUZ. Chernaya metallurgiya, no. 11, 1963, 177-181

TOPIC TAGS: 1Kh18N2Ag5 stainless steel, stainless steel, steel composition, stainless steel property, cold deformation, heat treatment, stainless steel microstructure, physical property, electrical property, mechanical property, strain hardening, 1Kh18N2Ag5 steel, steel deformation, stainless steel property, stainless steel deformation

ABSTRACT: The widely used 1Kh18N9T austenite stainless steel has a relatively high content of expensive and scarce Ni and a low yield stress which limits its use as a stainless construction material. In contrast, the 1Kh18N2AG5 (EP26) steel developed by the Moskovskiy aviatsionny*y tekhnologicheskiy institut (Moscow institute of aviation technology) has a low Ni-content and high yield stress combined with high tensile strength and adequate malleability. It is an austenite-ferrite high-strength stainless steel with a more than 70% austenite content which may affect its properties during cold plastic deformation. On stretching three 1Kh18N2AG5 samples with differing proportions of the ferrite- and austenite components (high, medium and low of each) by 5, 10, 15, 20, 25, 35% and up to fracture,

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New grade of...

S/133/62/000/003/005/008
A054/A127

intermittent normalization at 1,000°C. Its welding properties were tested in electric-arc welding, spot welding and roller welding. The welding seams were fairly strong (for sheets 1, 1.5, 2 mm thick: between 91.3 and 118.5 kg/mm^2, depending on various welding conditions), the mechanical properties of the welding joints were better than in the conventional steel. Also with regard to corrosion resistance in acidic media (nitric acid, sodium sulphate) the new grade equals the 1Kh18N9T grade. At room temperature the new steel showed great corrosion resistance in 2, 3, and 5-% sulphuric acid, in 1 - 2-% solutions of hydrochloric acid and in a boiling, 10-% sodium chloride solution. The tendency to intergranular corrosion was tested on specimens of the metal proper and the welding joint. No traces of corrosion were found in the microstructure. From the tests it can be concluded that stainless steels containing manganese and nitrogen can replace the conventional chrome-nickel steels in many cases. The tests were carried out with M. F. Alekseyenko, I. Ya. Sokol, Ye. K. Feoktistova, L. V. Tatarova participating. There are 6 figures and 1 Soviet-bloc reference.

ASSOCIATION: Moskovskiy aviatsionnyy tekhnologicheskiy institut (Moscow Aviation Technological Institute)

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APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001237800044-6

S/133/62/000/003/005/006
A054/A127

New grade of...

Yield limit, kg/mm²	54 / -	26 / -	139 / -
Relative elongation, %	48 / 40	33 / 28	25 / 13

The notch toughness of the new grade (in specimens cut out from hot-rolled sheets) is 30 kgm/cm². Microanalysis was carried out by magnetic metallography, X-ray and electron-graphical methods, which revealed that due to the instability of austenite in the new steel, martensite forms during deformation mainly along the shear surfaces. The α-phase and γ-phase observed after normalization were kept at a temperature of 700°C. Up to this temperature the mechanical properties of the new steel, mainly under short-term loads, are better than those of the 1Kh18N9T grade at the same temperature. Above this temperature the new steel loses strength (especially between 700 - 800 C). Hot deformation of the new steel grade on an industrial scale should be carried out at the same temperatures, reductions and rates as for the 1Kh18N9T grade. For cold rolling, however, lower reduction degrees and more intermittent annealings are required for the new grade than for the conventional one. Cold-worked products of 1Kh18N2AG5 grade steel are easy to flange, stamp, etc. In deep drawing the new steel grade must be subjected to

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APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001237800044-6

S/133/62/000/003/005/008
A054/A127

New grade of...

Heat	C	Mn	Si	Cr	Ni	S	P	N
A	0.07	4.84	0.39	18.18	1.72	0.018	0.009	0.18
B (5)	0.09	4.58	0.40	18.45	2.32	0.019	0.012	0.25
C (8)	0.06	4.58	0.40	18.45	2.32	0.010	0.012	0.25
D (7)	0.08	2.91	0.36	18.8	2.32	0.006	0.008	0.25
According to the technological prescription (TU)	≤0.10	4 - 6	≤0.8	17-20	1.5-2.5	≤0.030	≤0.035	0.15-0.25

From the test results a new austenitic grade was developed (1Kh18N2AG5), which does not contain more than 5 - 10% ferrite. It was tested as to mechanical properties at the MATI and "Serp i Molot" Plant. Heat C of the new steel, at 20°C, after normalization (heating to 1,000°C, holding time: 5 minutes) and cold plastic deformation showed better characteristics than the 1Kh18N9T steel:

Degree of deformation, after heat treatment, %	0	12	24
Strength limit, kg/mm²	97/54	137/90	160/110

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34980
S/133/62/000/003/005/006
A054/A127

18.1130

AUTHOR: Odesskiy, D. A., Docent of Technical Sciences

TITLE: New grade of stainless steel (1X18H2AG5 / 1Kh18N2AG5)

PERIODICAL: Stal', no. 3, 1962, 264 - 267

TEXT: Austenitic stainless steels have better mechanical characteristics (a higher notch toughness, mainly after fusion welding) than ferritic steels. To obtain low-carbon chrome and chrome-titanium steels of the austenitic type, they have to be alloyed to a greater extent with austenite-forming elements such as nickel. Tests were carried out to replace, at least partly, the expensive nickel by cheaper elements: nitrogen (0.1% nitrogen equivalent to 2% nickel) and manganese (2% manganese equivalent to 1% nickel). The following compositions were used in the test heats:

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APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001237800044-6

Structure and properties of S/129/62/000/002/006/014
E073/E335

After tempering normalized steel at 450 °C the strength increases and the plasticity decreases as a result of ageing. The higher tempering temperature leads to a partial decomposition of the austenite and a drop in strength. A change in the chemical composition within the specified limits leads to a change in the ferrite-to-austenite ratio in the structure the mechanical and technological properties change only insignificantly, whilst the strength and ductility remain high. The steel has good weldability. It is concluded that the steel is suitable partly as a substitute for the steel 1Kh18N9T which has a considerably higher Ni content. There are 3 figures, 4 tables and 2 references: 1 Soviet bloc and 1 non-Soviet bloc. The English-language reference mentioned is: Ref. 2 K. Irvine D. Llewellyn and F. Rickering - Journal Iron and Steel Institute no. 3, v.192, 1959.

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APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001237800044-6

S/129/62/000/002/006/014
E073/E335

Structure and properties of ....

Heat 1 had a minimum quantity of ferrite-forming elements and a maximum quantity of austenite-forming elements. The opposite was the case for heat 3, whilst for heat 2 the composition was average. Sheet, cold-rolled with a reduction of 30% to a thickness of 2 mm, heated to temperatures between 250 and 1 250 °C and air cooled was used for the specimens. A maximum quantity of austenite was obtained after normalizing at 950 - 1 050 °C (ferrite content below 30%). It was found that normalization of cold-rolled steel could be effected at various temperatures depending on the desired combination of strength and plasticity. A good combination of properties was obtained by normalizing from 950 °C (5 - 30 min holding time at the heating temperatures) and this is recommended as the basic heat treatment. The steel has a higher strength and yield point but a lower ductility than the substituted steel 1Kh18H9T. Steel normalized at 950 °C had the following properties: at 550 °C ... σ_b = 41.6 - 49.7 kg/mm^2, δ = 29 - 36%; at 650 °C ... σ_b = 35.4 - 38.9 kg/mm^2, δ = 24 - 34%.

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S/129/62/000/002/006/014
E073/E335

AUTHORS: Odesskiy, D.A. and Vozdvizhenskiy, V.M., Candidates of Technical Sciences

TITLE: Structure and properties of the stainless steel 1Kh18N2AG5 (EP26) (1Kh18N2AG5 (EP26))

PERIODICAL: Metallovedeniye i termicheskaya obrabotka metallov, no. 2, 1962, 36 - 39 + 1 plate

TEXT: MATI have proposed the stainless steel 1Kh18N2AG5 as a substitute for the steel 1Kh18N9T (1Kh18N9T). The authors investigated three heats of this substitute steel, the percentual compositions of which were as follows:

Heat no.	C	Si	Mn	Cr	Ni	N_2
1	0.15	0.03	5.5	16.7	2.7	0.26
2	0.05	0.21	5.15	18.85	2.2	0.18
3	0.04	0.45	3.9	20.68	1.74	0.13
Specified composition	≤0.1	≤0.8	4-6	17-20	1.5-2.5	0.15-0.25

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ODESSKIY, I.A.

Oscillation ripples in sediments of the Ungur series and their geological interpretation. Trudy VSEGEI 46:373-382 '61. (MIRA 14:11)

(Kara Kum--Ripple marks)

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S/133/61/000/003/[illegible]
A054/A033

High-chromium steels, containing ....

with free ventilation, while the increase in weight did not exceed 1 gr/m^2 h, during a holding time of 100 hours. However, before applying the new steel in other media, its resistance has to be determined. There are 3 figures and 2 tables.

Table 2: Parameters of mechanical properties of Kh28N nitrogen-containing steel at short-term loads, during 30 (numerator) and 120 minutes (denominator)
(1) Temperature, °C;
(2) σ_B kg/sq mm;
(3) δ %;
(4) ψ %.

Температура, °C (1)	σ_B кг/мм² (2)	δ, % (3)	ψ, % (4)
200	57/55	24/23	41/33
300	56/55	25/21	43/37
400	55/52	26/26	41/43
500	43/43	29/27	45/44
800	40/6	142/150	87/83

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89974

S/133/61/000/003/011/014
A054/A033

High-chromium steels, containing ....

been developed by the authors, alloyed with a small amount of nitrogen (0.18 - 0.25 %) and containing 1.0 - 2.0 % nickel. The new Kh28N (EI657) grade steel has the same mechanical properties at room and high temperatures and the same heat resistance as nickel steels, while its coefficient of linear expansion is even better than that of the 1Kh18N9T steel. The mechanical characteristics of Kh28N nitrogen-containing steel are compiled in table 2. Welding tests on samples 1.5 mm thick show that during fusion welding the ferrite grains also grow to some extent, but due to the development of austenite in this steel, the growth of ferrite grains is smaller than in the Kh28T and Kh17T steels. During the welding process austenite separates and forms a coating around the ferrite grains, restricting their growth. Owing to the limited size of ferrite grains and the development of austenite, the nitrogen-containing Kh28N steel has a high ductility. It also proved resistant to various aggressive agents, nitric acid, acetic acid, phosphorus acid, aqueous solution of sodium salt of fatty acid with sulfuric acid, moreover to various aggressive media and chemicals used in the leather industry as well as in the bakery trade and to media applied in copper and zinc-electrolytic plants. The heat resistance of the new steel was tested at temperatures of up to 900 - 1000°C in an electrofurnace

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89974

S/133/61/000/003/011/0014
A054/A033

High-chromium steels, containing ....

of linear expansion (numerator-denominator):

Temperature, °C ..	100-200	300-400	500-600	700-800
$10^6\alpha$	10.40 / 15.95	12.48 / 18.74	12.13 / 21.23	16.11 / 25.53

while the coefficients of heat conductivity for the same steels (numerator--denominator) are the following:

Temperature, °C ...	200	400	600	800	900
λ, cal/cm sec °C ..	0.059 / 0.054	0.0607 / 0.056	0.065 / 0.060	0.069 / 0.060	0.0755 / 0.0725

However, in spite of these satisfactory mechanical properties and workability, heat and corrosion resistance, the Kh17T and Kh28T steels cannot entirely replace the nickel-steels, because of their unsatisfactory behaviour under welding. In order to make full use of the good qualities of ferrite type chromium steels - restricting at the same time the growth of ferrite grains during heating, causing brittleness - a new steel composition has

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89974

High-chromium steels, containing S/133/61/000/003/011/014
A054/A033

with carbide inclusions. Having a one-phase structure, their mechanical properties cannot be modified by heat treatment, only by forging, however, during this process they lose their ductility. During fusion welding the ferrite grains increase, causing a considerable brittleness in the welding zone and increased sensitivity to impact loads. For these reasons the Kh17T steels can be used for products that have not to be welded or, when welding is indispensable, without fusion. The Kh28T steel (EI457) contains 25.05 % chromium, 0.47 % titanium and no nickel. It displays good mechanical properties at room temperature, or, at short-term loads, below 500°C, it has a low linear elongation coefficient, and can be processed under pressure in both cold and hot condition. It shows high resistance to various acidic substances (lactic acid, phosphorus acid, acetic acid) as well as to chemicals used in the textile industry. The steel does not show a tendency to develop intercrystalline corrosion. It can be classified as a highly heat-resistant steel, as its losses due to gaseous corrosion are not more than 1.0 g/m^2 h. It can easily be spot- or seam-welded, but as the Kh17T type steel it is also unsuitable for fusion-welding. The Kh28T and 1Kh18N9T steels have the following coefficients

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89974

18.1130 1045, 1454, 1496,

S/133/61/000/003/011/014
A054/A033

AUTHORS: Odesskiy, D. A., Candidate of Technical Sciences, and Alekseyenko, M. F., Candidate of Technical Sciences

TITLE: High-chromium steels, containing titanium and nitrogen, replacing 1X18H9 (1Kh18N9) and 1X18H9T (1Kh18N9T) steels

PERIODICAL: Stal', no. 3, 1961, 262 - 266

TEXT: As a result of the rising demand for heatresistant and stainless steels, the nickel supply is apparently insufficient to cover present requirments. In the Soviet Union tests are being made to replace nickel-containing steels by high-chromium and chromium-nitrogen steels of the X17T (Kh17T)/ЭИ645 (EI645), X28T (Kh28T)/ЭИ457 (EI457) and X28H (Kh28N)/ЭИ657 (EI657) grades. The Kh17T steel contain 0.4 % nitrogen, 17.33% chromium and 0.46 % titanium. They have satisfactory mechanical and technological properties. Their corrosion resistance was tested by exposing them for 3 months at varying atmospheric conditions on house roofs. Moreover their salt-water resistance was tested in a fog-chamber, with 96 - 98 % moisture. The structure of these steels consists of ferrite

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ODESSKIY, I.A.

Types of cross bedding in the sediments of the Unguz series. Trudy VSEGEI 42:238-244 '60. (MIRA 14:9)
(Kara Kum--Sedimentation and deposition)

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GERNET, M.M., doktor tekhn.nauk,prof.; DIKIS, M.Ya., doktor tekhn.nauk, prof.; LUK'YANOV, V.V., doktor tekhn.nauk,prof.[deceased]: POPOV, V.I., doktor tekhn.nauk,prof.; SOKOLOV, A.Ya.,doktor tekhn.nauk,prof.; SOKOLOV,V.I.,doktor tekhn.nauk,prof.; SURKOV,V.D.,doktor tekh.nauk,prof.; BARANOVSKIY, N.V., kand.tekhn.nauk,dots.; BROYDO, B.Ye., kand.tekhn. nauk, dots.; BUZYKIN, N.A., kand.tekhn.nauk, dots.; GOROSHENKO, M.K., kand.tekhn.nauk, dots.; GORTINSKIY, V.V., kand.tekhn.nauk, dots.; GREBENYUK, S.M., kand.tekhn.nauk, dots.; GUS'KOV, K.P., kand.tekhn. nauk, dots.; DEMIDOV, A.R., kand.tekhn.nauk, dots.; ZHISLIN, Ya.M., kand.tekhn.nauk, dots.; KARPIN, Ye.B., kand.tekhn.nauk, dots.; KOSITSYN, I.A., kand. tekhn.nauk, dots. [deceased]; GEYSHTOR, V.S., kand.tekhn.nauk, dots.; MARSHALKIN, G.A., kand.tekhn.nauk, dots.; MOLDAVSKIY, G.Ye., kand.tekhn.nauk, dots.; ODESSKIY, D.A., kand. tekhn.nauk, dots.; PELEYEV, A.I., kand.tekhn.nauk, dots.; RUB, D.M., kand.tekhn.nauk, dots.; SKOBLO, D.I., kand.tekhn.nauk, dots.; SHUVALOV, V.N., kand.tekhn.nauk, dots.; KHMEL'NITSKAYA, A.Z., red.; SOKOLOVA, I.A., tekhn. red.

[Principles of the design and construction of machinery and apparatus for the food industries] Osnovy rascheta i konstruirovaniia mashin i apparatov pishchevykh proizvodstv. Moskva, Pishchepromizdat, 1960. 741 p. (MIRA 14:12)

(Food industry--Equipment and supplies)

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001237800044-6

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001237800044-6

Influence of titanium and nitrogen on the structure and properties of welded joints of thin sheet of high chromium steel. (Cont.)

129-9-10/14

a continuous austenitic edge forms along the boundaries, which prevents further grain growth and this is one of the advantages of nitrogen alloyed high chromium steel as compared to certain other grades of high chromium steel. Introduction of nitrogen and up to 2% Ni into high chromium steel brings about a favourable structure of the weld joint. Due to its high chromium content the steel X28H has good corrosion stability in numerous aggressive media containing acidic oxides and it also has good mechanical and technological properties and this steel can, therefore, be considered a fully satisfactory substitute for Cr-Ni steel.

There are 3 figures, 2 tables and 8 references, 5 of which are Slavic.

ASSOCIATION: Moscow Aviation Technological Institute. (Moskovskiy Aviatsionnyy Tekhnologicheskiy Institut).

AVAILABLE:

Card 3/3

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001237800044-6

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001237800044-6

Influence of titanium and nitrogen on the structure and properties of welded joints of thin sheet of high chromium steel. (Cont.)

129-9-10/14

The Steel X28H (ЭИ657) was developed by the Moscow Aviation Technological Institute (Moskovskiy Aviatsionny Tekhnologicheskiy Institut). The technological properties of this steel were studied after oxyacetylene welding, after atomary hydrogen welding, after argon arc welding and after electric arc welding. Most attention was paid to evaluating the results obtained during oxyacetylene welding since this process of welding involves the most intensive heat generation in the welded metal; other types of welding do not introduce any materially new feature from the point of view of changes in the structure of the welded joint. It was found that in the near-weld zone an appreciable growth of the ferrite grain was observed for the steel X28T which led to an appreciable increase in the brittleness of the welded joint. Separation of superfluous phases was observed along the grain boundaries which caused an increase in the sensitivity to etching of the grain boundaries. The steel X28H has better welding properties than the steel X28T; during heating, the ferritic grain in the zone near to the weld joint grows less intensively than that of the steel X28T,

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APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001237800044-6

AUTHORS: Odesskiy, D.A. and Vozdvizhenskiy, V.M., Candidates of Technical Sciences. 129-9-10/14

TITLE: Influence of titanium and nitrogen on the structure and properties of welded joints of thin sheet of high chromium steel. (Vliyaniye titana i azota na strukturu i svoystva svarnogo soyedineniya tonkolistovoy vysokokhromistoy stali).

PERIODICAL: "Metallovedeniye i Obrabotka Metallov" (Metallurgy and Metal Treatment), 1957, No.9, pp.42-46 (U.S.S.R.)

ABSTRACT: High chromium steel is being used extensively as a substitute for Cr-Ni steel. A great disadvantage of this steel is the intensive growth of the grain during heating, particularly during welding. The authors studied this phenomenon by investigating the microstructure, the mechanical and the technological properties of welded joints of these steels, which were additionally alloyed with titanium and nitrogen. The investigated steels were of the following compositions:

Steel X28T: 0.09% C, 25.05% Cr, 0.30% Ti, 0.46% Si, 0.54% Mn, 0.012% S, 0.027% P;

Steel X28H: 0.13% C, 26.0% Cr, 1.61% Ni, 0.20% N, 0.45% Si, 0.74% Mn, 0.012% S and 0.023% P.

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ODESSKAYA-BEL'NIKOVA, L.A.; ODESSKIY, I.K.

Difficulties in the diagnosis of bone tumors. Vop. onk. 11 no.2:98-102 '65. (MIRA 18:7)

1. Iz Moskovskoy klinicheskoy bol'nitsy Nr. 52 (glavnyy vrach D.Ya. Berman) i Gorodskoy bol'nitsy Nr. 12 (ispolnyayushchiy obyazannosti glavnogo vracha - L.A. Svillo).

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ODESSKAYA-MEL'NIKOVA, L.A.; ODESSKIY, I.N.

Giant-cell tumor of the bones. Vest. khir. 93 no.9:115-118 S '64. (MIRA 18:4)

1. Iz 52-y klinicheskoy (glavnyy vrach - D.Ya. Berman) i 12-y (ispolnyayushchiy obyazannosti glavnogo vracha - L.A.Svillo) bol'nits Moskvy.

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ODESSKAYA-MEL'NIKOVA, L.A. (Moskva, A-55, Novoslobodskaya ul., 57/65, kv.17); ODESSKIY, I.N.

Late results of radiotherapy of a giant cell tumor of the bone. (osteoblastoclastoma). Vop. onk. 9 no.6:16-24 '63. (MIRA 17:8)

1. Moskovskaya 52-ya klinicheskaya bol'nitsa (glavnyy vrach - A.S. Petrushko) i 12-ya gorodskaya Moskovskaya bol'nitsa (nauchnyy konsul'tant prof. zasluzhennyy deyatel' nauki I.L. Tager.

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ODESSKAYA-MEL'NIKOVA, L.A.; ODESSKIY, I.N.

Malignant degeneration of giant cell tumors (osteoblastoclastoma) of the bone (4 case reports). Vop. onk. 6 no. 9:49-52 S '60. (MIRA 14:1)

(BONES--CANCER)

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APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001237800044-6

ODESSKAYA-MEL'NIKOVA, L.A. (Moskva, A-55, Novoslobodskaya ul., d.57/65, kv.17); LEYTES, F.L.; ODESSKIY, I.N.

Benign chondroblastoma of the bone; review of the literature. Vest.rent. i rad. 34 no.3:30-35 My-Je '59. (MIRA 12:10)

1. Iz 3-y kafedry rentgenologii (zav. - prof.I.L.Tager) TSentral'nogo instituta usovershenstvovaniya vrachey (dir. - prof.V.P. Lebedeva), rentgenodiagnosticheskogo otdela (zav. - prof.I.A. Shekhter), TSentral'nogo instituta rentgenologii i radiologii (dir. - dotsent I.G.Lagunova) Ministerstva zdravookhraneniya RSFSR i iz Moskovskoy 12-y gorodskoy bol'nitsy (glavnyy vrach V.G.Bryukhanov).

(CHONDROMA
bone, review (Rus))
(BONE AND BONES, neoplasms
chondroma, review (Rus))

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APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001237800044-6

ODESSKAYA-MEL'NIKOVA, L.A.; ODESSKIY, I.N.

Primary reticulosarcoma of the bone. Vop.onk. 5 no.4:481-484 '59. (MIRA 12:12)

1. Iz 3-y kafedry rentgenologii (zav. - prof. I.L. Tager) TSentral'nogo instituta usovershenstvovaniya vrachey (dir. - V.P. Lebedeva) i Moskovskoy 12-y gorodskoy bol'nitsy (glavnyy vrach - V.G. Bryukhanov). Adress avtora: Moskva A-55, Novoslobodskaya ul., d.57-65, pod"yezd 2, kv. 17.

(SARCOMA, RETICULUM CELL, case reports, rib (Rus))
(RIBS, neoplasms, sarcoma, reticulum cell (Rus))

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001237800044-6

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001237800044-6

ODESSKAYA-MEL'NIKOVA, L.A., AKOPOV, V.P., ODESSKIY, I.N.

"Vertebra plana" or Calve's syndrome. Probl.tub. 36 no.4:113-114 '58 (MIRA 11:7)

1. Iz tret'yey kafedry rentgenologii (zav. - prof. I.L. Tager) TSentral'nogo instituta usovershenstvovaniya vrachey (dir. V.P. Lebedeva) otdeleniy Klinicheskoy bol'nitsy imeni N.A. Semashko Ministerstva putey soobshcheniya i iz 12-y Moskovskiy gorodskoy bol'nitsy (glavnyy vrach V.G. Bryukhanov).
(SPONDYLITIS, case reports
vertebra plana (Rus))

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001237800044-6

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001237800044-6

ODESSKAYA-MEL'NIKOVA, L.A., ODESSKIY, I.N.

Primary bone reticulosarcoma; clinical roentgenological diagnosis from data of foreign literature from 1939 to 1956 [with summary in English]. Vest.rent. i rad. 33 no.5:78-84 S-O '58 (MIRA 11:11)

1. Iz 3-y kafedry rentgenologii (zav. - prof. I.L. Tager) TSentral'nogo instituta usovershenstvovaniya vrachey (dir. V.P. Lebedeva, TSentral'nogo instituta rentgenologii i radiologii (dir. dotsent I.G. Lagunova) i Moskovskoy 12-y gorodskoy bol'nitsy (glavnyy vrach V.G. Bryukhanov).

(SARCOMA, RETICULUM CELL, diag.
review (Rus))

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APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001237800044-6

Odesskaya-Mel'nikova, L.A.

ODESSKAYA-MEL'NIKOVA, L.A.

Giant cell tumor (osteoblastoclastoma); clinical reontgenologic observations of a tumor involving two bones and penetrating through the skin [with summary in English]. Vest.rent. i rad. 32 no.3: 50-58 My-Je '57. (MIRA 10:10)

1. Iz rentgenologicheskogo otdeleniya (zav. - prof. I.A.Sekhter) Gosudarstvennogo nauchno-issledovatel'skogo instituta rentgenologii i radiologii imeni V.M.Molotova (dir. - dotsent I.G.Lagunova)
(GIANT CELL TUMORS, case reports
osteoblastoclastoma of bones)
(BONE AND BONES, neoplasms
osteoblastoclastoma)

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001237800044-6

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001237800044-6

ODESSKAYA-MEL'NIKOVA, L.A.

Fibrous displasia of bones and its transition to malignancy. Vest. rent. i rad. 31 no.1:73-82 Ja-F '56. (MLRA 9:7)

1. Iz 2-y kafedry rentgenologii (zav.-prof. I.L.Tager) TSentral'noge instituta usovershenstvovaniya vrachey (dir. V.P.Lebedeva) i TSentral'-noge nauchno issledovatel'skogo instituta rentgenologii i radiologii imeni V.M.Molotova (dir.-dotsent I.G.Lagunova)

(BONES, dis.
fibrous dysplasia, transition to malignancy)

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001237800044-6

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001237800044-6

ODESSKAYA-MEL'NIKOVA L.A.

ODESSKAYAY-MEL'NIKOVA, L.A.

Metastases of bronchogenic cancer to small tubular bones; clinical and roentgenological observations. Vest.rent. i rad. no.3:78-81 My-Je '55. (MLRA 8:10)

1. Iz filiala (zav.zasluzhennyy deyatel' nauki prof. S.A.Reynberg) kafedry rentgenologii (zav.prof. Yu.N.Sokolov) Tsentral'nogo instituta usovershenstvovaniya vrachey (dir. V.P.Lebedeva) na baze bol'nitsy imeni S.P.Botkina (glavvrach--prof. A.N.Shabanov)

(LUNGS, neoplasms,
bronchogenic, metastases to small tubular bones)
(BONES, neoplasms,
metastatic bronchogenic cancer, small tubular bones)

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001237800044-6

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001237800044-6

ODESSKAYA-MELNIKOVA, L. A.

Dissertation: "Clinco-Roentgenological Observations in a Giant-Cell Tumor of the Long Hollow Bones." Cand Med Sci, Central Inst for the Advanced Training of Physicians, 8 May 54. (Vecherneyaya Moskva, Moscow, 23 Apr 54)

SO: SM 243, 19 Oct 1954

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001237800044-6

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001237800044-6

ODESSKAYA, N.A. (Saratov)

Electric saw for cadaver skulls. Arkh.pat. 21 no.7:73-74 '59.
(MIRA 13:5)

1. Iz oblastnogo byuro sudebnomeditsinskoy ekspertizy (nachal'nik T.I. Sergiyevskaya) Saratovskogo oblzdravotdela.
(SKULL surgery)

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001237800044-6

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001237800044-6

ODESSKAYA, Nadezhda Adol'fovna

Death of Newborn Children from Chilling

Dissertation for candidate of a Medical Science degree. Chair of Legal Medicines (head, Prof. L.B. Leytman) Saratov Medical Institute, 1948

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001237800044-6

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001237800044-6

ODESCALCHI, M.

ODESCALCHI, M. Development of the production of our dessert grapes. p. 153.

Vol. 8, no. 4, Apr. 1956
AGRARTUDOMANY
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Budapest, Hungary

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ODES, L.A., kandidat meditsinskikh nauk

Open injuries of Achilles' tendon due to metal chips. Ortop. travm. i protez. 17 no.6:119 N-D '56. (MLRA 10:2)

1. Iz bol'nitsy Leningradskogo zavoda im. S.M.Kirova (nachal'nik meditsinsko-sanitarnogo ob"yedineniya - zasluzhenyy vrach RSFSR G.G.Nikitin)

(TENDON OF ACHILLES--WOUNDS AND INJURIES)

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ODEROV, S.M., starshiy nauchnyy sotrudnik

Size with a sulphite adhesive for the processing of viscous silk warp. Tekst.prom. 22 no.10:50-51 O '62. (MIRA 15:11)

1. Kalininskiy nauchno-issledovatel'skiy institut tekstil'noy promyshlennosti.
(Sizing (Textile))

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BELEVTSEV, Artem Tikhonovich; ODEROV, I.A., red.

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SOV/123-59-15-59561

Translation from: Referativnyy zhurnal. Mashinostroyeniye, 1959, Nr 15, pp 97 - 98 (USSR)

AUTHOR: Oderov, G.F.

TITLE: Hydraulic Booster of Successive Action

PERIODICAL: Tekhn.-ekon. byul. Sovnarkhoz Zaporozhsk. ekon. adm. r-na, 1958, Nr 3, pp 32 - 33

ABSTRACT: The application of a hydraulic booster of successive action for multiseat devices is described, which operates in the following cycle: advancing the fastening devices to the workpiece to be machined, fastening it and unfastening after machining. The working scheme of the hydraulic booster is given. The deficiencies of hydraulic boosters of one-sided action are stated, in which the unfastening of the workpiece in multiseat devices is effected with the aid of springs or by air. 1 figure.

B.I.L.

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