"APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R000412430005-2

FARHARDOV, A. A.

Dissertation: "Cathode Protection Against Corrosion of Maritime Structures of the Petroleum Industry." Cand Tech Sci, Institute of Petroleum Azerbaydzhan SSR, Baku, 1954. (Referativnyy Zhurnal-Khimiya, No 10, Moscow, May 1954)

SO: SUM 318, 23 Dec 1954

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FARKHADOV, A.A.

Investigation of corrosion vapors formed in sea water by different steels. Trudy Gipromorneftí no.1:71-81 '54. (MLRA 9:12)
(Electrolytic corrosion) (Steel--Corrosion)

APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R000412430005-2"

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GARAYEV, Z.Sh.; FARKHADOV, A.A.

Studying the potential of steel with a protective cement coating in sea water. Trudy Gipromornefti no.1:172-177 '54. (MLRA 9:12)
(Steel--Protection) (Electrolytic corrosion)

APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R000412430005-2"

"APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R000412430005-2

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Cathodic protection against corrosion of offshore structures in the petroleum industry. Trudy Gipromorneftí no.1:230-249 '54. (Steel--Corrosion) (Electrolytic corrosion) (MLRA 9:12)

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TRIFEL', M.S.; SHAKHTAKHTINSKAYA, G.G.; FARKHADOV, A.A.

Interaction of cathodic protection and cement coatings. Trudy Gipromornefti no.1:250-259 '54. (MLRA 9:12)
(Electrolytic corrosion) (Protective coatings)

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FARKHADOV, Azizaga Aliagayevich, kandidat tekhnicheskikh nauk; NEKRASOV, V.P., redaktor; AL'TMAN, T.B., tekhnicheskiy redaktor.

[Corrosion of marine structures of the petroleum industry and cathode protection] Korroziia morskikh neftepromyslovykh sooruzhenii i katodnaia zashchita. Baku, Azerbaidzhanskoe gos. izd-vo neftianoi i nauchno-tekhnicheskoi lit-ry, 1955. 158 p. (Corrosion and anticorrosives) (MLRA 8:11)

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Field tests of piles, zinc-coated by the thermal diffusion method, in piers in the Caspian Sea. Azerb.neft.khoz. 35 no.4: 17-18 Ap '56. (MLRA 9:10)

(Caspian Sea--Pile driving) (Corrosion and anticorrosives)

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FARKHADOV, A.A., kandidat tekhnicheskikh nauk.

Cathode protection of the underwater portion of piles. Azerb. neft.khoz.35 no.9:40-42 S '56. (MLRA 9:12)
(Piling (Civil engineering)) (Electrolytic corrosion)

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GROBSHTEYN, S.R.; ZAMANOV, B.A.; KULIYEV, I.P.; NEGREYEV, V.F.; FARKHADOV, A.A.

Electrochemical protection in thin films of sea water and possibilities for using it to prevent corrosion of submerged portion of piles. Azerb.neft.khoz.36 no.2:38-41 F '57. (MLRA 10:4)
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(Oil well drilling, Submarine)

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Farkhadov, A.A.

FARKHADOV, A.A.; NURIYEV, M.P.; ZAMANOV, B.A.; KYAZIMOV, A.M.

Cathodic protection of sea-going ship hulls against corrosion [in Azerbaijani with summary in Russian]. Azerb. neft. khoz. 36 no.6:38-41 Je '57. (MLRA 10:9)
(Hulls (Naval architecture)) (Corrosion and anticorrosives)

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FARKHADOV, A., kand.tekhn.nauk; NEGREYEV, V., doktor tekhn.nauk; NURIYEV, M., starshiy inzh.; ZAMANOV, B., starshiy inzh.; KYAZIMOV, A., inzh.; RYBAKOV, L.

Cathodic protection of seagoing ships from corrosion. Mor. flot 18 no.2:13-14 F '58. (MIRA 11:2)

1.Institut "Gipromorneft'" (for Kyazimov). 2.Glavnyy inzhener "Kaspneftflot" (for Rybakov).
(Corrosion and anticorrosives)

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NEGREYEV, V.F.; FARKHADOV, A.A.; KYAZIMOV, A.M.; MANGASARYAN, N.A.

Cathodic protection of refrigeration condensers. Azerb. neft. khoz. 39 no.2:38-40 F '60. (MIRA 14:8)
(Cathodic protection)
(Refrigeration and refrigerating)

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FARKHADOV, Azizaga Aliagayevich, doktor tekhn.nauk; NEGREYEV, V.F., red.; GOR'KOVA, A.A., ved. red.; POLOSINA, A.S., tekhn. red.

[Cathodic protection of steel structures against corrosion in sea water]Katodnaia zashchita ot korrozii stal'nykh sooruzhenii v morskoi vode. Moskva, Gostoptekhizdat, 1962. 249 p. (MIRA 15:9)

(Cathodic protection) (Hydraulic structures--Corrosion)

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NEGREYEV, V.F.; FARKHADOV, A.A.; DUEL', P.A.

Efficient methods for corrosion prevention in submarine oil-field equipment. Za tekh.prog. 3 no.9:45-48 S '63. (MIRA 16:10)

1. Gosudarstvennyy nauchno-issledovatel'skiy institut po proyektirovaniyu predpriyatiy dlya dobychi nefti s morskogo dna.

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Investigating basic parameters of the cathodic protection of St-3 carbon steel in acetic acid. Izv. AN Arm. SSR. Ser. tekh. nauk 18 no.3:59-63 '65. (MIRA 18:8)

1. Kirovakanskiy nauchno-issledovatel'skiy i proyektnyy institut khimii Soveta narodnogo khozyaystva Armyanskoy SSR.

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ABDULLAYEV, G.K.; FARKHADOVA, S.M.

Condensation of phenols with hydrobenzamide. Uch. zap. AGU. Ser. fiz.-mat. i khim. nauk no.2:53-59 '61.

(MIRA 16:7)

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ABDULLAYEV, G.K.; FAGRHADOVA, S.M.; AGAMALYYEVA, F.A.

Condensation of phenols with hexamethylenediamine in the presence of paraform. Uch. zap. AGU. Ser. khim. nauk no.4:31-40 '63. (MIRA 17:11)

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FARKHAD-ZADE, M. M.

PA 153T56

USSR/Engineering - Starters Dec 49
Motors

"A Starting Protection Arrangement With Self-Starting for Pumping-Jack Motors," M. M. Farkhad-Zade, V. S. Polikarpov, 3 pp

"Energet Byul" No 12

Does not agree with Mosesov, who advocated group self-starting of pumping-jack motors (up to 20 in a group) [see FDD Per Abs 66/49T887] Prefers individual starters for each motor, fitted with thermal relay protection. Includes circuit diagram.

[redacted] 153T56

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1. FARKHADZADE, M. M.

2. USSR 600

4. Petroleum - Pumping

7. Volume of the limiting switched-in voltage in self starting of electric motors of deep well pumps, Energ. biul., No. 1, 1953.

9. Monthly List of Russian Accessions, Library of Congress, April 1953, Uncl.

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2892 Far'khad-Zade, M. M.

Avtomatizatsiya puska elektrodvigateley neftepromyslovykh ustanovok kak mera povysheniya ustoychivosti raboty energosistemy. Baku, 1954. 16 s. s ill. 21 sm. (M-vo vyssh. obrazovaniya SSSR. Azerbaydzh. ordena Trud. Krasnogo Znameni industr. in-t im. M. Azizbekova). 100 ekz. B. Ts. - (54-56149)

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FARKHAD-ZADE, M. M.

"Automation of Electric Motor Starting in Petroleum Industry Establishments as a Means of Improving the Stability of Operation of the Electric Power System." Cand Tech Sci, Azerbaydzhan Industrial Inst, Min Higher Education USSR Baku, 1954. (KL, No 2, Jan 55)

Survey of Scientific and Technical Dissertations Defended at USSR Higher Educational Instiutions (12)
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FARKHADZADE, M.M., kandidat tekhnicheskikh nauk (Baku); ALIYEV, M.N., inzhener (Baku)

Simplifying the automatic controls for starting synchronous motors. Elektrichestvo no.2:78-79 F '57. (MLRA 10:3)

(Electric motors, Synchronous--Starting devices)

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FARKHADZADE, M.M.

Selecting protectors for main overhead transmission lines on 0.4 kv.supplying power to oil-well pumps. Energ.biul.no.10:1-5 O '57. (MIRA 10:10)

(Electric lines--Overhead)

APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R000412430005-2"

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FARKHADZEDE, R.; ALLAKHVERDIYEVA, D.

Fourteenth scientific conference of students in the Azerbaijan Institute of Petroleum and Chemistry. Izv. vys. ucheb. zav.; neft'i gaz 3 no.5:34 '60. (MIRA 15:6)

1. Predsedatel' soveta Nauchnogo studencheskogo obshchestva (for Farkhadzade). 2. Chlen soveta Nauchnogo studencheskogo obshchestva (for Allakhverdiyeva).
(Petroleum industry) (Petroleum chemicals)

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FARKHI, A.

Five days on the moon; a scientific fantastic short story. (To be contd.) Nauka i tekh mladezh no.2:7-9 F '57.

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FARKHI, S.; ZLATEV, M.

Concerning subharmonius oscillations in some nonlinear circuits. p. 59.

GODISHNIK. Mashinno-elektrotekhnicheski institut. Sofiia, Bulgaria. Vol. 4, no. 1, 1957 (published 1958).

Monthly List of East European Accessions (EEAI) LC, Vol. 9, No. 2, Feb. 1960
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FARKHI, S.

Conversion of the star triangle with the participation of one nonlinear element. p. 73.

GODISHNIK. Mashinno-elektrotekhnicheski institut. Sofiia, Bulgaria. Vol. 4, no. 1, 1957 (published 1958).

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8(2)

AUTHORS: Zlatev, M. P., Kozarov, A. S., Farkhi, S. L. SOV/105-59-10-6/25

TITLE: On Transients in Negative Sequence Filters

PERIODICAL: Elektrichestvo, 1959, Nr 10, pp 33-37 (USSR)

ABSTRACT: The authors investigated here the influence exerted by electromechanical transients in the filter-relay system upon the faultless operation of protection against faults. The method presented here allows to determine the criterion of the selection of filter parameters as well as the possibility of corrections of the circuit diagram for an extension of the protective zone. The method is based on the following: The filter-relay system must guarantee protection from asymmetrical defects and three-phase short circuits in a definite protective zone. The response of the relay depends here on the electromagnetical transients. The character of these processes is dependent on the electric parameters of the afore-mentioned system, on the mechanical characteristics of the relay, and on the length of the protective zone. In order to ascertain how far these quantities are in agreement, two terms are introduced: (1) criterion G_1 of the parameters (which expresses the dependence of the mechanical

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parameters of the relay on the length of the protective zone); (2) the quality coefficient Q_F (which depends only on the electric parameters of the system and characterizes the electric transient). The greater Q_F the larger is the protective zone. It is therefore recommended to choose the filter parameters in such a manner that Q_F has as high a value as possible, taking account of the requirements of steady operation. The formulas for the determination of G_1 and Q_F are deduced here, further, the authors demonstrate the way in which the parameters of filter-relay systems are selected and illustrate the application of the given method by the example of a voltage filter with heterogeneous reactive elements. The theoretical considerations of this article are confirmed by experimental results. There are 4 figures and 7 Soviet references.

ASSOCIATION: Mashinno-elektrotekhnicheskiy institut, Bolgariya (Institute of Mechanical and Electrical Engineering, Bulgaria)

SUBMITTED: February 5, 1959

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ZLATEV, Mincho P.; FARKHI, Samuil L.

Determination of the losses in the belt toroidal magnetic circuits. Godishnik mash elekt 7 no.1:115-118 '60. (publ. '61)

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FARKHI, S.L.; MARINOV, IUl.P.

On certain types of semiconductor frequency dividers. Godishnik mash elekt 7 no.1:119-130 '60. (publ. '61)

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FARKHI, S.L.

Magnetic frequency dividers. Godishnik mash elekt 7 no.1:141-149 '60. (publ. '61)

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FARKHI, S.L.

Transformation of an active multiradial star in the presence of a nonlinear element. Godishnik mash elekt 7 no.1:131-139 '60. (publ. '61)

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ZIATEV, M.P.; FARKHI, S.L.

Determining the errors of measuring transformers by means of a single equivalent system.. Godishnik mash elekt 10 no.1:181-192 '61 (publ. '62).

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ZLATEV, Mincho P., prof. inzh.; PANAMSKI, Iliia M., inzh.; FARKHI, Samuil L., inzh.; LAZAROV, Zakhari M., inzh.; TSVETKOV, Dimcho N., inzh.

Effects of deformation phenomena in the high-voltage system of Bulgaria. Tekhnika Bulg 11 no.4:125-128 '62.

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FARKHI, Samuil L.; TATAROVA, Irina Iv.

Parametric study of push-pull magnetic frequency dividers.
Geidshnik mash elekt 12 no. 1:153-158 '62 [publ. '63].

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FARKHIYEV, L.D. (Ufa); TSOY, V.V. (Kungrad)

Efficiency promoters of the State Trust of the Eastern Petroleum and Gas Industry at the construction of surface structures of the Bukhara-Ural Natural Gas Pipeline. Stroi. truboprov. 9 no.6:23-24 Je '64. (MIRA 17:12)

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FARKHULINA, A.I.

The APN electric motors. Biul.tekh.-ekon.inform.Gos.nauch.-issl.inst.nauch. i tekh.inform. 16 no.11:59 '63.(MIRA 16:11)

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LODOCHNIKOV, E.A., inzh.; FARKHULLIN, N.N., inzh.; VASIL'CHENKO, I.I., inzh.; LETUNOVSKAYA, A.V., inzh.; VEGERA, inzh.

New series of commercial frequency micromotors. Elektrotekhnika 34 no. 12:23-26 D '63. (MIRA 17:1)

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LODOCHNIKOV, E.A., inzh.; PALIY, I.M., inzh.; FARKHULLIN, N.N., inzh.; OLIFIRENKO, Yu.N., inzh.; CHERNOVA, A.K., inzh.

New types of step-by-step motors. Elektrotekhnika 36 no.1:38-40 Ja '65. (MIRA 18:3)

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FARKHUTDINOV, K.F.; BRUSANOV, N.A., red.; TRUKHINA, O.N., tekhn. red.

[Highly productive rabbit farm]Vysokoproduktivnaia krolikovodcheskaia ferma. Moskva, Sel'khozizdat, 1961. 54 p. (MIRA 15:10)

1. Direktor Koshchakovskogo zverosovkhoza Tatarskoy ASSR (for Farkhutdinov).

(Rabbits)

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FARKHUTDINOV, Mullamur Farkhutdinovich; MAKSAKOVA, Ye., red.; TAMULEVICH, T., tekhn. red.

[Under any kind of weather] Pri liuboi pogode. Moskva, Izd-vo TsK VLKSM "Molodaia gvardiia," 1961. 24 p. (MIRA 15:1)

(Agriculture)

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IVANISHKIN, I.; TSYBANIN, N., navalokrepil'shchik; NISSEN, D., prokhodchik; FARKHULLIN, K.; KOLOKOL'TSEV, I., mashinist elektrovoza.

First steps. Mast. ugl. 7 no. 5:7-8 My '58. (MIRA 11:7)
(Socialist competition)
(Coal mines and mining)

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FARKHULINA, Z.F.

PROCESSES AND PROPERTIES INDEX

7

Carbide method for the rapid determination of moisture in basic oxid. M. R. Khalkin and Z. F. Farkhulina. Zavodskaya Lab. 13, 118(1947)(in Russian).—By decomp. of CaC_2 and measurement of the vol. of the C_2H_2 evolved, the moisture content, if less than 5%, can be detd. with an av. deficit of 0.20%, which empirical difference can be added to the result. The detn. requires 15-20 min. as against the 3-4 hrs. by the standard method of drying at 60° to const. wt.

N. Thon

ASM-SLA METALLURGICAL LITERATURE CLASSIFICATION

APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R000412430005-2"

"APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R000412430005-2

FARKHUTDINOV, A.S.

New method for cementing oil wells in connection with major repairs. Neftianik 1 no.9:17-18 S '56. (MLRA 9:11)

1. Starshiy inzhener Neftepromyslovogo upravleniya Bavlyneft'.
(Oil well cementing)

APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R000412430005-2"

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FARKHUTDINOV, A.S.

Urgent problems in augmenting oil extraction. Neftianik 2 no.8:12-13 Ag '57. (MIRA 10:10)

1.Starshiy inzh. proizvodstvenno-tekhnicheskogo otdela Bavlynefti.

(Petroleum engineering)

APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R000412430005-2"

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FARKOVA, H., MUDr.

Kernikterus as a cause of Little's syndrome. Cesk. pediat. 10 no.8: 597-600 Oct 55.

1. Z detske kliniky PU v Olomouci (Doc. Ant. Mores).
(CEREBRAL PALSY, in infant and child
caused by fetal erythroblastosis)
(ERYTHROBLASTOSIS, FETAL, complications
kernicterus causing cerebral palsy)

APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R000412430005-2"

"APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R000412430005-2

FARKOVA, H., MUDr.; MUR, J., MUDr.

Incidence and causes of kernicterus. Cesk. pediat. 12 no.7:587-592 5 July 57.

1. Detska klinika FU v Olomouci, prednosta doc. Dr Morea. Pathologicko-anatomicky ustav FU, prednosta doc. Dr Dvoracek.
(ERYTHROBLASTOSIS, FETAL
kernicterus, etiol. & incidence (Cz))

APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R000412430005-2"

"APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R000412430005-2

MORES, A.; FARKOVA, H.; ZAPLETAL, B.

Experiences in the treatment of chronic subdural hematoma in children. Cesk. pediat. 12 no.9:769-775 5 Sept 57.

1. Detska a chirurgicka klinika v Olomouci.
(CEREBRAL HEMORRHAGE, in inf. & child
subdural hematoma, chronic, ther. (Cz))

APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R000412430005-2"

"APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R000412430005-2

FARKOVA, H.

Pseudotumors in children (Benign intracranial hypertension). Cesk. pediat.16 no.2:141-144 F '61.

1. Detska klinika PU v Olomouci, prednosta doc. dr. A. Mores.
(INTRACRANIAL PRESSURE in inf & child)
(BRAIN NEOPLASMS in inf & child)

APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R000412430005-2"

"APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R000412430005-2

FARKOVA, H.

Syndrome of progressive muscular paroxysmal rigidity in an 11-year-old boy. Cesk. pediat. 19 no.3:258-259 Mr'64

1. Detska klinika lekarske fakulty PU v Olomouci; zast.prednosta: MUDr.L.Pelikan, CSc.

*

APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R000412430005-2"

"APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R000412430005-2

FARKS,T, HERODEK, S.

Paper chromatographic studies of the fatty acid composition of some fresh water crustaceans. In English. p. 85.

ACTA BIOLOGICA. Budpaest, Hungary, Vol. 10, No. 1, 1959

Monthly List of East European Accessions (EEAI) LC, Vol. 9, No. 2, Feb. 1960
Uncl.

APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R000412430005-2"

"APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R000412430005-2

POLUKHIN, P.I.; KUDRYAVTSEV, A.S.; BETS, N.G.; FARLADANSKIY, A.M.

Effect of chamfers on the elastic deformation of rolls of a thin sheet mill. Izv. vys. ucheb. zav.; chern. met. 7 no.9: 118-121 '64. (MIRA 17:6)

1. Moskovskiy institut stali i splavov.

APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R000412430005-2"

"APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R000412430005-2

FARLAS, E. 1948

(State Inst. of Hyg. , Budapest)

"Complement-Fixation Test for Serological Studies in Typhys Fever."

Arch. fur die Gesamte Virus-forschung, Vienna, 1948, 4/1(47-54)
Abst: Exc. Med. IV. Vol. 11, No. 1, p. 42

APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R000412430005-2"

"APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R000412430005-2

Farlik, A.

Farlik, A. Reinforced plastic zone in a section of thick-walled pipes shaped at low temperatures. p. 268.

Vol 7, no. 5, 1956
STROJNOELEKTROTECHNICKY CASOPIS
TECHNOLOGY
Czechoslovakia

So: East European Accessions, Vol. 6, May 1957
No. 5

APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R000412430005-2"

"APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R000412430005-2

ACCESSION NR: AP3008585 Z/0065/63/000/004/0476/0489

AUTHOR: Farlik, Alois; Osina, Vladislav

TITLE: Structural changes in high-rate extrusion

SOURCE: Kovove materialy, no. 4, 1963, 476-489

TOPIC TAGS: high energy rate forming, high rate extrusion

ABSTRACT: The behavior of carbon steel 12,060.1 (approximately 0.60% C) and of the die under conditions of high-energy-rate forming has been studied. Steel specimens 1 (Fig. 1 of Enclosure) 18 mm in diameter and 40 mm high were extruded through die 3 at the rate of 95—1050 m/sec. The extruded diameter was 15 mm or 13 mm. Specific pressures in die and punch were found to vary from 95 and 55 kg/mm respectively at a punch velocity of 100 m/sec to 241 and 201 kg/mm^2 at a punch velocity of 350 m/sec. The die failed only at extremely high punch velocity. The shape of specimens extruded with a reduction of 18/13 is shown in Fig. 2. At extrusion rates of 125 m/sec and higher, cracks appeared in the transition section of the specimens. The microstructure of extruded specimens was deformed and the hardness

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"APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R000412430005-2

ACCESSION NR: AP3008585

increased to a lesser depth than that in conventionally extruded specimens. White stripes were found on the surface of the extruded portion and transition section. These stripes are probably formed by low-tempered martensite. Under the effect of the nonuniform deformation, local energy accumulations and consequently local heat evolution occur in some small areas followed by rapid heat dissipation by the adjacent material. This can cause the transformation: initial structure → austenite → martensite. The quantity, size, and curvature of individual white stripes differed from specimen to specimen. Their formation is probably affected by the die shape, its resonance, lubrication, and deformation energy. Until the cause of the formation of white stripes is explained, it is not advisable to use extrusion rates in excess of 30—60 m/sec. Orig. art. has: 2 tables, 12 formulas, and 14 figures.

ASSOCIATION: Katedra technicke mechaniky, pruznosti a pevnosti, fakulta strojni, VUT Brno (Chair of Engineering Mechanics and Strength of Materials, Department of Mechanical Engineering, VUT); Katedra nauky o materialu, fakulta strojni, VUT Brno (Chair of Material Science, Department of Mechanical Engineering, VUT)

Card 2/3

APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R000412430005-2"

"APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R000412430005-2

L 61562-65 EWA(d)/EPR/EWP(k)/EWP(t)/EWP(b)/EWA(c) Pf-4/Ps-4 IJP(c)

ACCESSION NR: AP5014729 JD/RW CZ/0041/65/000/003/0270/0284

AUTHOR: Farlik, A. (Professor, Engineer)

34
33
B

TITLE: Deformation mechanics during high-speed metal working 14

SOURCE: Strojnicky casopis, no. 3, 1965, 270-284

TOPIC TAGS: metal working, plastic deformation, high speed forming, internal stress, steel extrusion, aluminum extrusion 14

ABSTRACT: The internal stresses arising during metal forming have been studied during the process of extruding aluminum and steel in a simple vertical laboratory press with a cylindrical die producing equal reduction at various speeds. Small reductions at moderate speeds are isothermic, but they become adiabatic at high speeds. The relation of forces in the reduction cone and die were studied, and the friction coefficient was computed in relation to extrusion speed. Sample steel and aluminum rods were cut diametrically before and after extrusion. Although identical starting dimensions, reduction ratios, speeds and kinetic energy were applied, the extruded aluminum rods turned out to be longer than the steel rods,

Card 1/2

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"APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R000412430005-2

L 61562-65

ACCESSION NR: AP5014729

demonstrating the effect of deformation resistance in the metals; this was then examined in a series of formulas and graphs. The dynamics of extrusion were also examined in relation to heat and speed of the reduction process; here, the friction coefficient is the most difficult factor to determine, although it is known to depend on both heat and specific pressure. Finally, the relationship between friction and forming speed was examined on the basis of shearing stress, plasticity, and temperature - and was found to be linear. Orig. art. has: 32 formulas and 10 figures.

ASSOCIATION: Strojni fakulta VUT Brno (Mechanical Engineering Department, Brno VUT)

SUBMITTED: 15May64 ENCL: 00 SUB CODE: MM, ME

NO REF SOV: 003 OTHER: 007

Card 2/2

APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R000412430005-2"

"APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R000412430005-2

L 21349-66 EWP(v)/EWP(t)/EWP(k)/EWP(h)/EWP(l) JD/HW

ACC NR: AP5016669 SOURCE CODE: CZ/0065/65/000/003/0310/0326

AUTHOR: Farlik, Alois—Farlik, Aloyz; Ondracek, Emanuel—Ondrachek, Emanuel

ORG: VUT, VUTS, Brno

TITLE: Anisothermal forward extrusion

SOURCE: Kovove materialy, no. 3, 1965, 310-326

TOPIC TAGS: metal extrusion, heat transfer, thermal effect, metal stress, die

ABSTRACT: The theory of forward extrusion with due consideration to the heating of material being extreded and to the transfer of heat into the die is discussed. It was shown that with the increasing speed of extrusion, the amount of transfered heat decreases and the process becomes adiabatic at speeds of the order of m/sec. At the same time the numerical calculation has shown that it is possible to heat the material during extrusion to its melting point while retaining the strength properties of the tool by selecting the proper speed and suitable reduction of the pre-extrusion temperature. From the theory it follows that it is the thermal phenomenon which finds its essential manifestation at high speed. This is the advantage of high speeds. With respect to the forces of inertia, the maximum speed is limited by the strength of tools. Orig. art. has: 6 figures, 34 formulas, and 3 tables. [Based on authors' abstract.] [NT]

SUB CODE: 11, 13/ SUBM DATE: 13Jul64/ ORIG REF: 003/ OTH REF: 010/

Card 1/1

APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R000412430005-2"

"APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R000412430005-2

L 00861-67 EWP(m)/EWP(t)/ETI IJP(c) WW/JD

ACC NR: AP6029489 SOURCE CODE: CZ/0065/66/000/003/0299/0307 69 B

AUTHOR: Farlik, Alois--Farlik, Aloyz; Ondracek, Emanuel--Ondrachek, Emanuel'

ORG: FS, VUT, Brno; VUTS, Brno

TITLE: Effect of shock waves on the mechanism of deformation

SOURCE: Kovove materialy, no. 3, 1966, 299-307

TOPIC TAGS: shock wave, plastic wave, wave propagation, plastic deformation, stress wave

ABSTRACT: The author reports of the first results of a study on the propagation of plastic waves in rods of finite length. The main objective of the study was to detect a new unknown drop-shaped region, formed by the effect of stress waves in the region of delayed plastic deformation. A detailed quantitative analysis and a determination of the shape and nature of regions I—IV will be the subject of further study. The paper was reviewed by Emil Skrabal, Department of Mechanical Technology of the Slovenian Technical University, Bratislava. Orig. art. has: 12 figures. [Based on authors' abstract] [NT]

SUB CODE: 11, 20/ SUBM DATE: 28Sep65/

Card 1/1 pb

APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R000412430005-2"

"APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R000412430005-2

PINSKER, G.Z.; FARMAKOVSKAYA, G.I.

Structure of $4PbO.PbSO_4$. Kristallografiia 6 no.2:268-269 Mr-Ap '61. (MIRA 14:9)
(Lead compounds) (Electron diffraction examination)

APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R000412430005-2"

"APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R000412430005-2

FARMAKOVSKAYA, O.F. I SMELOV, S.P.

25093 SMELOV, S.P. I FARMAKOVSKAYA, O.F. Osobennosti Udlinennykh Vegatativnykh Pobegov U Lugovykh Zlakov. V Sb: Voprosy Kormodobyvaniya. Vyp. 2. M., 1949, S. 11-15-Bibliogr: 5 Nazv

SO: Letopis',No.33, 1949

APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R000412430005-2"

"APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R000412430005-2

FARMAKOVSKAYA, O.F., TATARINOVA, N.K. I SMELOV, S.P.

25094 SMELOV, S.P., TATARINOVA, N.K. I FARMAKOVSKAYA O.F. Izmeneniye Sposobnosti Timofeyevki Lugovoy K Vegetativnomy Vozobnovleniyu V Svyazi S Vozrastom Rasteniya, V Sb: Voprosy Kormodobyvaniya. Vyp. 2. M. 1949, S. 18-21 - Bibliogr: 5 Nazv.

SO: Letopis', No. 33, 1949

APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R000412430005-2"

"APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R000412430005-2

FARMAKOVSKAYA, O. F. I SMELOV, S.P.

25092 SMELOV, S.P. I FARMAKOVSKAYA, O.F. Nekotoryye Osobennosti Razvitiya Lugovykh Zlakov Pri Vegetatiunom Vozobnovlenii. V Sb: Voprosy Kormodobyvaniya. Vyp. 2.M.,1949 S. 30-31.

SO: Letopis',No.33, 1949

APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R000412430005-2"

"APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R000412430005-2

USSR / Meadow Cultivation. L

Abs Jour: Ref Zhur-Biol., No 7, 1958, 29627.

Author : Smelov, S.P., ~~Farmakovskaya, O.F.~~
Inst : The All-Union Institute for Food Stuffs.
Title : Increasing the Proportions of Leguminous Components in Meadow Grass Mixtures.
(O povyshenii uchastiya bobovykh komponentov v lugovykh travosmesyakh).

Orig Pub: Vestn. s.-kh. nauki, 1957, No 4, 117-120.

Abstract: Experiments made by the All-Union Scientific Research Institute for Food Stuffs in 1949-1954 have established that by increasing the leguminous plants in grass mixtures the nitrogen food of grain grasses is considerably enhanced and does away with the need of applying nitrogenous

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APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R000412430005-2"

"APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R000412430005-2

L

USSR / Meadow Cultivation.

Abs Jour: Ref Zhur-Biol., No 7, 1958, 29627.

Abstract: fertilizers. The N content in grain grasses rises in regular proportion with the increase in the percentage of legumes.

Card 2/2

APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R000412430005-2"

"APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R000412430005-2

FARMAKOVSKIY, I.M.

Design of a feeder with an electric vibrator of high amplitude. Obog. rud 7 no.2:34-38 '62. (MIRA 16:4)
(Feed mechanisms) (Vibrators)

APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R000412430005-2"

"APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R000412430005-2

LACHINOV, N.V.; FARMAKOVSKIY, P.S.; VORONIN, K.P., tekhn.red.

[Manual for fitters for installing pipes in thermal power plants] Pamiatka slesaria po montazhu truboprovodov v tsekhakh teplovykh elektrostantsii. Moskva, Gos.energ.izd-vo, 1960. 102 p. (MIRA 14:6)

(Pipe fitting)

APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R000412430005-2"

"APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R000412430005-2

KUDREVICH, Boris Ivanovich; FARMAKOVSKIY, S.F., doktor tekhn. nauk, red.; DOROFEYEV, I.T., kand. tekhn. nauk, nauchn. red.; MATVEYEV, S.S., kand. tekhn. nauk, nauchn. red.; DANISHEVSKIY, L.V., kand. tekhn. nauk, nauchn. red.; KAL', M.M., red.

[The theory of gyroscopic instruments; selected works] Teoriia giroskopicheskikh priborov; izbrannye trudy. Leningrad, Sudostroenie. Vol.2. 1965. 295 p. (MIRA 18:4)

APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R000412430005-2"

"APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R000412430005-2

SVESHNIKOV, Aram Arutyunovich; FARMAKOVSKIY, S.F., kand. tekhn. nauk, retsenzent; CHEREDNICHENKO, N.Ya., kand. tekhn. nauk, retsenzent; DINER, I.Ya., nauchnyy red.; APTEKMAN, M.A., red.; SHISHKOVA, L.M., tekhn. red.

[Applied methods of the theory of random functions] Prikladnye metody teorii sluchainykh funktsii. Leningrad, Gos. soiuznoe izd-vo sudostroit. promyshl., 1961. 251 p. (MIRA 14:8)
(Probabilities)

APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R000412430005-2"

"APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R000412430005-2

L 01811-67 EWT(m)/EWP(t)/ETI IJP(c) JD/JG

ACC NR: AP6035636 SOURCE CODE: UR/0089/66/020/005/0438/0439

AUTHOR: Garbunov, L. M.; Mitenkov, F. M.; Samoylov, O. B.; Farmakovskiy, V. V.

ORG: none

TITLE: Cross-section averaging in thermal region for media containing zirconium hydride

SOURCE: Atomnaya energiya, v. 20, no. 5, 1966, 438-439

TOPIC TAGS: zirconium compound, hydride

ABSTRACT: The average values in the thermal region were calculated as a function of temperature and of absorption per single H nucleus, using the results obtained by averaging the spectra for infinite homogeous media poisoned by the absorber. It was found that the averaged absorption cross sections follow a v^{-1} law and do not exceed 20 barns in the interval from 293 to 773°K. Orig. art. has: 4 figures. [NA]

SUB CODE: 07 / SUBM DATE: 14 Aug 65 / ORIG REF: 003

Card 1/1 UDC: 539.125.52:539.17.02

APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R000412430005-2"

"APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R000412430005-2

YUGO.

3514. REDUCTION OF HUMIDITY OF STEAM PRODUCED BY LOCOMOTIVE BOILERS. Farmakovsky, W. (Pap. to Serb. Acad. Sci., 12 Mar. 1951; abridged German transl. in Bull. Acad. Serbe. Sci., 1952, vol. 8, Classe Sci. Tech., (2), 69-72).

APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R000412430005-2"

"APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R000412430005-2

[illegible], V.

"The elimination of moisture on the surface of a steam engine boiler." p. 61
(ZBORNIK RADOVA, Vol. 10, no. 3, 1951, Beograd Yugoslavia)

SO: Monthly List of East European Accessions, Vol. 2, #8, Library of Congress
August, 1953, Uncl.

APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R000412430005-2"

"APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R000412430005-2

FARMAKOWSKY, W.

Yugoslavia (430)

Science - Serials

Division of the heating surface of the locomotive boiler on the firebox, and the heat of the smoke tube, resp. water tube. p. 21. BULLETIN. Beograd. (Bulletin of the Serbian Academy of

East European Accessions List. Library of Congress, Vol. 1, no. 13, November 1952.
UNCLASSIFIED. "Card 1 of 2 "

APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R000412430005-2"

"APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R000412430005-2

FARMAKOWSKY, W.

Yugoslavia (430)

Sciences, Technics Sections, containing French, English or German summaries of transactions already published in specialized Serbian language publications of the Academy). Vol. 2, no. 1, 1951.

East European Accessions List. Library of Congress, Vol. 1, no. 13, November 1952.
UNCLASSIFIED. "Card 2 of 2"

APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R000412430005-2"

"APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R000412430005-2

FARMAKOWSKY, W.

Yugoslavia (430)

Science - Serials

Overheating engine boiler pipes. p. 49. BULLETIN. Beograd. (Bulletin of the Serbian Academy of Sciences, Technics sections, containing French, English or German summaries of transactions already

East European Accessions List. Library of Congress, Vol. 1, no. 13, November 1952.
UNCLASSIFIED. "Card 1 of 2 "

APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R000412430005-2"

"APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R000412430005-2

FARMAKOWSKY, W.

Yugoslavia (430)

published in specialized Serbian language publications of the Academy).
Vol. 2, no. 1, 1951.

East European Accessions List. Library of Congress, Vol. 1, no. 13,
November 1952.
UNCLASSIFIED. "Card 2 of 2 "

APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R000412430005-2"

"APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R000412430005-2

V. Farmakovski

"Safety Calculations and Imporvements in the Design of a Locomotive Firebox, p.33," (BULLETIN, Vol. 9, No. 3, 1952, Beograd, Yugoslavia)

SO: Monthly List of East European Accessions, L.C., Vol. 2, No. 11, Nov. 1953, Uncl.

APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R000412430005-2"

"APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R000412430005-2

V. FARMAKOVSKI

"Safety Calculations and Improvement in the Design of a Locomotive Firebox. p. 37" (ZBORNIK RADOVA, Vol. 24, No. 4, 1952, Beograd, Yugoslavia)

SO: Monthly List of East European Accessions, L.C., Vol. 2, No. 11, Nov. 1953, Uncl.

APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R000412430005-2"

"APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R000412430005-2

Optimum regulation of locomotive power, p. 377, TEHNIKA, (Savez inzenjera i tehnicara Jugoslaviije) Beograd, Vol. 9, No. 3, 1954

SOURCE: East European Accessions List (EEAL) Library of Congress, Vol. 5, No. 8, Aug. 1956

APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R000412430005-2"

"APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R000412430005-2

FARMAKOVSKII, V.

Locomotive stays and firebox plates. p. 23.

ZBORNIK RADOVA. (Srpska akademija nauka. Masinski institut.)
Beograd, Yugoslavia. Vol 60, 1959.

Monthly List of East European Accessions(EEAI) LC, Vol. 8, no1 8, Aug. 1959.

Uncl.

APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R000412430005-2"

"APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R000412430005-2

FARMANOV, A., ekonomist

Why are they planning for losses in Azerbaijan? Fin.SSSR 20 no.9:28-31 S '59. (MIRA 12:12)

1. Ministerstvo finansov SSSR.
(Azerbaijan--Industries)

APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R000412430005-2"

"APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R000412430005-2

FARMANOV, A.

How we organize economic work. Fin. SSSR 21 no.10:70-73 O '60. (MIRA 13:10)

1. Starshiy ekonomist Upravleniya Ministerstva finansov Azerbaydzhanskoy SSR.

(Azerbaijan--Finance)

APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R000412430005-2"

"APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R000412430005-2

FARMANOV, A.

Financial organs and the regional economic council. Fin.SSSR 23 no.6:40-42 Je '62. (MIRA 15:7)
(Finance)

APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R000412430005-2"

"APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R000412430005-2

FARMANOV, A.

What are the contributing factors of losses. Fin. SSSR 37 no.8:46-49 Ag '63. (MIRA 16:9)
(Daghestan--Wine and wine making--Finance)
(Daghestan--Canning industry--Finance)

APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R000412430005-2"

"APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R000412430005-2

FARMANOV, R.T.

Comparative evaluation for determining the viability of transfused blood erythrocytes using radioactive chromium and the differential agglutination of erythrocytes. Probl. gemat. i perel. krovi 8 no.5:37-41 My'63. (MIRA 16:8)

1. Iz kliniko-gematologicheskogo otdeleniya (zav. A.M.Akhundova) Azerbaudzhanskogo nauchno-issledovatel'skogo instituta gematologii i perelivaniya krovi (direktor- dotsent G.A.Guseynov).
(ERYTHROCYTES) (BLOOD —AGGLUTINATION)
(CHROMIUM ISOTOPES)

APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R000412430005-2"

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FARMANOV, R.T.

Clinical evaluation of erythrocyte adaptation of transfused blood in iron deficiency anemia. Probl. gemat. i perel. krovi no.10:42-45 '63 (MIRA 18:1)

1. Iz gematologicheskoy kliniki (zav. A.M. Akhundova) Azerbaydzhanskogo nauchno-issledovatel'skogo instituta gematologii i perelivaniya krovi (dir. - dotsent G.A. Guseynov).

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AKHUNDOVA, A.M.; FARMANOV, R.T.

Adaptation of erythrocytes in acquired autoimmune forms of hemolytic anemia. Probl. gemat. i perel. krovi 9 no.12:17-20 D '64 (MIRA 18:1)

1. Gematologicheskaya klinika (zav. A.M. Akhundova) Azerbaydzhanskogo nauchno-issledovatel'skogo instituta gematologii i perelivaniya krovi (direktor - dotsent G.A. Guseynov), Baku.

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NABIYEV, M.N., akademik; FARMANOV, Z.N.; VISHNYAKOVA, A.A.

Ammoniation of superphosphate by ammonium compounds. Uzb. khim. zhur. no. 1:7-14 '58. (MIRA 11:7)

1. AN UzSSR (for Nabiyev).

(Phosphates)
(Ammonia)

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DAKHNOV, V.N., doktor geol.-miner. nauk; KHOLIN, A.I., kand. geol.-miner.nauk; PESTRIKOV, A.S.; GALUZO, Yu.V.; AFRIKYAN, AN.; YUDKEVICH, R.V.; POPOV, V.K.; POZIN, L.Z.; LARIONOV, V.V.; VENDEL'SHTEYN, B.Yu.; GORBUNOVA, V.I.; DZYURAK, M.D.; YEVDOKIMOVA, V.A.; ZHOKHOVA, R.G.; LATYSHEVA, M.G.; MAREN'KO, N.N.; MANCHEVA, N.V.; MOROZOVICH, Ya.R.; OREKHOVSKAYA, Ye.P.; POKLONOV, M.S.; ROMANOVA, T.F.; SEVOST'YANOV, M.M.; TANASEVICH, N.I.; FARMANOVA, N.V.; FEDOROVICH, G.P.; SHCHERBININ, V.A.; ELLANSKIY, M.M.; YANUSH, Ye.F.; YUNGANS, S.M., ved. red.; YAKOVLEVA, Z.I., tekhn. red.

[Using methods of field geophysics in studying gas-bearing reservoirs]Primenenie metodov promyslovoi geofiziki pri izuchenii gazonosnykh kollektorov. Moskva, Gostoptekhizdat, 1962. 279 p. (MIRA 16:2)

(Gas, Natural--Geology)
(Prospecting--Geophysical methods)

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"APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R000412430005-2

RAZUMIKHIN, M.I.; SAPAROVSKIY, S.V.; FARMANOVA, V.N.

Rubber pad process for the blanking of outlines on hydraulic presses with a high specific pressure of the rubber. Kuz.-shtam. proizv. 5 no.11:21-23 N '63. (MIRA 17:1)

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ACC NR: AR7004884 SOURCE CODE: UR/0276/66/000/009/V032/V032

AUTHOR: Aryshenskiy, Yu. M.; Kaluzhskiy, I. I.; Farmanova, V. N.

TITLE: Application of a coordinate grid for the study of wrapping titanium alloys with anisotropic properties

SOURCE: Ref. zh. Tekhnologiya mashinostroyeniya, Abs. 9V234

REF SOURCE: Tr. Kafedry proiz-va letatel'n. apparatov. Kuybyshevsk. aviats. in-t, vyp. 20, ch. 2, 1965, 61-68

TOPIC TAGS: coordinate system, jacketing, titanium alloy, anisotropic property, Hooke law

ABSTRACT: In order to determine the amount of deformation and stresses a grid, consisting of osculating circles 10 mm in diameter, was applied to one of the sides of the sheet specimen, using the photocontact method. The standard pattern of the grid was plotted on a transparent plastic sheet and measured with a microscope accurate to 1 μ. During the experiment, the osculatory circles turned into ellipses; the dimensions of the axes of the latter were used for determining the resultant

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ACC NR: AR7004884

deformation with the aid of formulas. Since VT1-2 and OT4-1 alloys have transversal isotropy, an attempt was made to derive an equation showing the relation between the deformations and the stresses using a generalization of Hooke's law. The equations were experimentally tested by stretching specimens of which the effective length was equal to their width. Original article has a bibliography of 4 reference items. S. Shirman. [Translation of abstract] [AM]

SUB CODE: 11, 13/

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SAPAROVSKIY, Sergey Vladimirovich; KOMAROV, Anatoliy Dmitriyevich; SMELYAKOV, Yevgeniy Petrovich; FARMANOVA, Viktoriya Nikolayevna; PYT'YEV, P.Ya., inzh., retsenzent; KOROBOV, V.K., kand. tekhn. nauk, retsenzent; RAZUMIKHIN, M.I., prof., red.; PETROPOL'SKAYA, N.Ye., red.

[Rubber pad forming] Shtampovka rezinoi. Kuibyshev, Kuibyshevskoe knizhnoe izd-vo, 1964. 106 p. (MIRA 18:7)

APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R000412430005-2"

"APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R000412430005-2

FARMANYAN, A.K.

34124. Omeditsinskom osvidetel'stovvanii brachushchikhsya sredi armyan. Trudy Sektora istorii arm. meditsiny i biologii (AKad. nauk Arm. SSR), No 2, 1949, s. 89-95- Na arm. yaz.- Rezyume na rus. yaz.

SO: Knizhnaya Letopis' No. 6, 1955

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"APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R000412430005-2

FARMAZYAN, A.S.; ZAR'YAN, R.N.

Characteristics of the geochemistry of selenium and tellurium in ores of the Kadzharan ore zone. Geokhimiia no.11:1164-1170 N '64. (MIRA 18:8)

1. Institute of Geological Sciences, Academy of Sciences of the Armenian S.S.R., Erivan.

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"APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R000412430005-2

FARMAZYAN, R.S.

Shrinkage phenomena in plastic concrete. Izv. AN Arm. SSR. Ser. tekh. nauk 16 no.6:69-72 '63. (MIRA 17:1)

1. Armyanskiy nauchno-issledovatel'skiy institut stroitel'nykh materialov i sooruzheniy.

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L 61024-65 EWT(1)/EWT(m)/EPF(n)-2/EWG(m)/EWP(v)/EPA(w)-2/T/EWP(t)/EWP(k)/EWP(b)
EWA(c) Pz-6/Po-4/Pf-4/Pi-4 IJP(c) JD/HM/AT
ACCESSION NR: AR5017412 UR/0137/65/000/006/V041/V041

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B

SOURCE: Ref. zh. Metallurgiya, Abs. 6V265

AUTHOR: Farnasov, G. A.; Filippov, A. F.; Frenkel', P. G; Fridman, A. G.
55 55 55 55

TITLE: Experimental developments and new constructions in plasma melting apparatus
55 14

CITED SOURCE: Elektrotermiya. Nauchno-tekhn. sb., vyp. 42, 1964, 43-46

TOPIC TAGS: plasma arc, plasma jet, arc furnace, melting furnace

TRANSLATION: A plasma arc electric melting furnace was built in the ChSSR. A plasma arc heater was the heat source. Work is being carried out in the Physico technical Institute of the AN GDR on melting of tungsten in a closed bottom crystallizer. In the experimental apparatus, a plasma jet is formed between a tapered rod shaped tungsten cathode and a water cooled pure copper anode. In the United States, Alloid (Translator's Note-Sic) Electronics Corp. has developed an electron plasma electric furnace. Orig. art. has: 5 figures, 5 literature titles.
D. Kashayeva.

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