APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R000825300008-6

KOTIN, A.F., kand. tekhn. nauk, dotsent

State function $\left(\frac{di}{dp}\right)$ and its significance for the investigation of heat engines. Trudy GPI 17 no.5:34-39 '61. (MIRA 16:6)

(Heat engines)

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R000825300008-6

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IKONNIKOV, Sergey Alekseyevich, dots., kand. tekhn. nauk; KRAKOVSKIY, Ivan Ivanovich, prof., doktor tekhn. nauk; MAL'TSEV, Vasiliy Nikolayevich, dots., kand. tekhn. nauk; CHACHKHIANI, Igor' Konstantinovich, dots., kand. tekhn. nauk. Prinimal uchastiye RUSIN, V.N.; LAKHANIN, V.V., prof., doktor tekhn. nauk, retsenzent; FROLOV, V.M., dots., kand. tekhn. nauk, retsenzent; KHOZE, A.N., kand. tekhn. nauk, retsenzent; KOTIN, A.F., dots., kand. tekhn. nauk, retsenzent; MYASNIKOV, N.V., red.; SHLENNIKOVA, Z.V., red. izd-va; BODROVA, V.A., tekhn. red.

[Power plants on ships] Sudovye silovye ustanovki. By S.A.Ikonnikov i dr. Moskva, Izd-vo "Rechnoi transport," 1961. 519 p. (MIRA 14:11)

1. Sotrudniki konstruktorskikh byuro Ministerstva rechnogo flota (for Lakhanin, Frolov, Khoze, Kotin).
(Marine engines)

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R000825300008-6

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COUNTRY : Rumania M

CATEGORY : Cultivated Plants, Medicinal, Essential Oil-Bearing, Toxins.

ABS. JOUR. : RZhBiol., No. 4, 1959, No. 15849

AUTHOR : Rucz, G.; Kotilla, E.; Kiseyörgy, Z.; Füzi, I.

INST. : --

TITLE : Change in Arbutin Content in the Species Arctostaphylos uva ursi (L.Spr.) in the Period of Development and Depending on Environment Factors

ORIG. PUB. : Rev. med. (RPR), 1956, 2, No.1, 40-43

ABS. No. : No abstract

Card: 1/1

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KOPP, Elemer, dr.,professor,; KOTILLA, Erzsebet.

Experiments with improvement of Papaver somniferum L. alkaloids. Gyogyszeresz 10 no.6:106-107 1 June 55

1. (Marosvasarhel-Orvosi es Gyogyszereszeti Intezet-Farmakognoziai tanszek)
(ALKALOIDS,
Papaver somniferum alkaloids prod., improved technic)

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OVECHKIN, Ye.N.; GERASIMENKO, Ye.I.; GUSAKOVA, L.N.; [illegible]
SHESTAKOVA, L.A.; KOTILEVSKIY, V.I.; VOROPAY, S.A.

Development of the technology of production of highly dispersed calcium carbonate. [Trudy] NIOKHIM 15:19-63 '63.
(MIRA 18:2)

Card 1/1

14-50

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R000825300008-6

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R000825300008-6

KOTILEVSKIY, P., inzh.

Electric steam generator. Avt.transp. 38 no.6:55 Je '60. (MIRA 14:4)

(Boilers)

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R000825300008-6

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R000825300008-6

NEPOROZHNIY, P.S.; FINOGENOV, Ya.I.; LAVRENENKO, K.D.; VESELOV, N.D.; SAVINYKH, A.I.; SAPOZHNIKOV, F.V.; SERDYUKOV, N.P.; CHUPRAKOV, N.M.; NEKRASOV, A.M.; BOROVOY, A.A.; KOTILEVSKIY, D.G.; STEKLOV, V.Yu.; KULEBAKIN, V.S.; BOGDANOV, N.P.

Petr Ivanovich Voevodin, d. 1964; obituary. Elektrichestvo no.3: 90-91 Mr '65. (MIRA 18:6)

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R000825300008-6

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R000825300008-6

KOTILEVSKIY, D.G., inzh.

Organizational structure of the administration of block-type electric power plants. Elek. sta. 33 no.10:2-7 O '62. (MIRA 16:1)

(United States--Electric power plants)

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R000825300008-6

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L 10997-66

ACC NR: AP6001978

pated in the International Power Conferences in Berlin 1930 and in Belgrade 1956. His entire life was devoted to faithful service in the interests of the Communist Party; in 1964 he was duly awarded the Order of Lenin and was named a Hero of Socialist Labor. Orig. art. has: 1 figure. [JPRS]

SUB CODE: 05, 09 / SUBM DATE: none

Card 2/2

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R000825300008-6

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R000825300008-6

L 10997-66

ACC NR: AP6001978

SOURCE CODE: UR/0105/65/000/003/0090/0091

AUTHOR: Neporozhniy, P. S.; Finogenov, Ya. I.; Lavrenenko, K. D.; Veselov, N. D.; Savinykh, A. I.; Sapozhnikov, F. V.; Serdyukov, N. P.; Chuprakov, N. M.; Nekrasov, A. M.; Borovoy, A. A.; Kotilevskiy, D. G.; Steklov, V. Yu.; Kulebakin, V. S.; Bogdanov, N. P.

ORG: none

14

B

TITLE: Petr Ivanovich Voyevodin

SOURCE: Elektrichestvo, no. 3, 1965, 90-91

TOPIC TAGS: electric engineering personnel, political personnel

ABSTRACT: P. I. VOYEVODIN died on 25 November 1964; one of the oldest bolshevik-Leninists, he was a member of the CPSU already in 1899. He fought in the early battles of the revolution, was imprisoned and sent to Siberia in 1905. After the October Revolution he became an economic adviser to Lenin on matters pertaining to Siberia and the entire Soviet Union as well. He was active in planning and organizing GOELRO. In 1921 he was assigned to set up the new Russian cinema industry, later he turned to the problems of electrification: spreading Lenin's ideas, publishing books and periodicals on the subject. He was the first Soviet editor of "Elektrichestvo" and then the editor of "Elektrifikatsiya." He partici-

UDC: 621.311

Card 1/2

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APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R000825300008-6

ZASYAD'KO, A.F.; KUCHERENKO, V.A.; PAVLENKO, A.S.; GRISHMANOV, I.A.; FROLOV, V.S.; SHASHKOV, Z.A.; YEFREMOV, M.T.; SMIRNOV, M.S.; CHIZHOV, D.G.; NOVIKOV, I.T.; NOSOV, R.P.; ASKOCHENSKIY, A.N.; NEKRASOV, A.M.; LAVRENENKO, K.D.; TARASOV, N.Ya.; GABDANK, K.A.; LEVIN, I.A.; GINZBURG, S.Z.; ALEKSANDROV, A.P.; KOMZIN, I.V.; OZEROV, I.N.; SOSNIN, L.A.; BELYAKOV, A.A.; NAYMUSHIN, I.I.; INYUSHIN, M.V.; ACHKASOV, D.I.; RUSSO, G.A.; DROBYSHEV, A.I.; PLATONOV, N.A.; ZHIMERIN, D.G.; PROMYSLOV, V.F.; ERISTOV, V.S.; SAPOZHNIKOV, F.V.; KASATKIN, M.V.; ALEKSANDROV, M.Ya.; KOTILEVSKIY, D.G.

Fedor Georgievich Loginov; obituary. Elek.sta. 29 no.8:1-2 Ag '58. (MIRA 11:11)

(Loginov, Fedor Georgievich, 1900-1958)

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R000825300008-6

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R000825300008-6

AVTONOMOV, B.V.; BONDAREV, I.I.; BORISENKO, P.I.; BURLAKA, S.A.; VESELOV, N.D.; ZUBANOV, K.V.; KLIMENKO, G.A.; KOTILEVSKIY, D.G.; KUDISH, A.D.; LAVRENEENKO, K.D.; MALYUTIN, N.P.; MARINOV, A.M.; MOLOKANOV, S.I.; PLOGATYREV, A.A.; POBEGAYLO, K.M.; POGAYEVSKIY, V.L.; SAVINYKH, A.I.; SAPOZHNIKOV, F.V.; SERDYUKOV, N.P.; FINOGENOV, Ya.I.; CHALDRANYAN, V.P.; CHULKOV, Ye.I.; SHANIN, V.P.; SHISHOV, V.V.

Ivan Konstantinovich Khivrenko; obituary. Elek.sta. 34 no.2:96 F '63. (MIRA 16:4)
(Khivrenko, Ivan Konstantinovich, 1899-1962)

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R000825300008-6

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R000825300008-6

YERMAKOV, V.S.; SPIRIN, S.A.; CHIZHOV, D.G.; UGORETS, I.I.; LAVRENENKO, K.D.; SMIRNOV, G.V.; CHUPRAKOV, N.M.; MKHITARYAN, S.G.; ASMOLOV, G.L.; KOTILEVSKIY, A.M.; MOLOKANOV, S.I.; SYROMYATNIKOV, I.A.; FAYERMAN, S.Ts.; SOKOLOV, B.M.; KOMISSAROV, Yu.P.; MALYUTIN, I.P.; POBEGAYLO, K.M.; MORYAKOV, A.V.; MELAMED, M.F.; KUMSIASHVILI, P.G.; GARKAVAYA, L.A.; LIVSHITS, E.M.; NEKRASOV, A.M.

Moisei Vul'fovich Safro; obituary. Elek.sta. 24 no.11:60 N '53. (MLRA 6:11)

(Safro, Moisei Vul'fovich, ?-1953)

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R000825300008-6

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R000825300008-6

L 25692-66

ACC NR: AP6002711

is formed from the phase which is stable at high pressure. The metastable phase is thus not the high-pressure phase, as was previously assumed. Orig. art. has: 2 figures and 2 tables.

SUB CODE: 20/ SUBM DATE: 12Jul65/ ORIG REF: 004/ OTH REF: 006

Card 2/2

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R000825300008-6

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R000825300008-6

L 25692-66 EWT(1)/EWT(m)/EPF(n)-2/EWA(d)/EWP(k) IJP(c) JD/WW/JW/JWD/GG

ACC NR: AP6002711 SOURCE CODE: UR/0056/65/049/006/1728/1732

AUTHOR: Vereshchagin, L. F.; Kabalkina, S. S.; Kotilevets, A. A. 62

ORG: Institute of High Pressure Physics, Academy of Sciences SSSR (Institut fiziki vysokikh davleniy Akademii nauk SSSR) B

TITLE: Phase transition in MnF_2 at high pressures

SOURCE: Zhurnal eksperimental'noy i teoreticheskoy fiziki, v. 49, no. 6, 1965, 1728-1732

TOPIC TAGS: phase transition, metastable phase, x ray analysis, manganese compound, fluoride, crystal lattice structure, pressure effect

ABSTRACT: This is a continuation of earlier work on the same subject, with an aim at determining the conditions under which MnF_2 with an α-PbO_2 structure is formed. To this end, the effect of high pressure on the structure of MnF_2 was measured at pressures up to 80 kbar. Whereas in the earlier investigation the x-ray structure could be determined only after removal of the pressure, the method in the present study made it possible to obtain x-ray patterns directly at high pressures. The method is described elsewhere (S. S. Kabalkina and Z. V. Troitskaya, DAN SSSR v. 151, 1068, 1963). The results show that at pressures p > 20--30 kbar the initial phase of MnF_2 with rutile structure experiences a reversible phase transition. It is assumed on the basis of the data that the high pressure MnF_2 phase has a distorted structure of the CaF_2 type, which is close to the structure of the tetragonal ZrO_2 modification. After removal of the pressure, a metastable phase with a structure of the α-PbO_2 type

Card 1/2

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L 04490-67

ACC NR: AP6031429

0

is of the $CaCl_2$ type. The effect of pressure on the parameters of the unit cells of the TeO_2I and TeO_2II phases is evaluated. Orig. art. has: 4 figures and 2 tables. [CS]

SUB CODE: 20/ SUBM DATE: 25Jan66/ ORIG REF: 003/ OTH REF: 015

ATD PRESS: 5083

Card 2/2 egh

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R000825300008-6

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R000825300008-6

L 04490-67 EWT(m)/T/EWP(t)/ETI IJP(c) JD

ACC NR: AP6031429 SOURCE CODE: UR/0056/66/051/002/0377/0382

AUTHOR: Kabalkina, S. S.; Vereshchagin, L. F.; Kotilevets, A. A. 15 B

ORG: Institute of Physics of High Pressures, Academy of Sciences SSSR (Institut fiziki vysokikh davleniy Akademii nauk SSSR)

TITLE: Phase transition in TeO_2 under high pressure

SOURCE: Zh eksper i teor fiz, v. 51, no. 2, 1966, 377-382

TOPIC TAGS: phase transition, high pressure research, high pressure, tellurium dioxide, x ray diffraction

ABSTRACT: The effect of high pressure on the structure of the tetragonal phase of TeO_2 is investigated. An x-ray diffraction study of the structure of TeO_2I at room temperature and under pressures up to 100 kbar was carried out in a special x-ray chamber which included an amorphous boron pellet. The experiments show that at p > 30 kbar, TeO_2I undergoes a reversible phase transition of the first kind. According to the data obtained, the high-pressure phase (TeO_2II) possesses a rhombic lattice cell with the following parameter values at p = 60 kbar: a = 4.22 Å, b = 4.84 Å, c = 3.67 Å, z = 2, ρ = 7.07 g/cm^3; it belongs to the Fedorov Pnnm group. It is suggested that the high-pressure phase

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KARAPETYAN, K.S.; KOTIKYAN, R.A.

Strength and deformability of concrete in the complex-stressed state. Dokl. AN Arm. SSR 39 no.4:201-206 '64. (MIRA 18:1)

1. Institut matematiki i mekhaniki AN ArmSSR. Predstavlena chlenom-korrespondentom AN ArmSSR S.A. Ambartsumyanom.

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R000825300008-6

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R000825300008-6

KARAPETYAN, K.S.; KOTIKYAN, R.A.

Fundamental equation of creep in the theory of an elastic creeping body. Izv.AN Arm.SSR. Ser. fiz.-mat. nauk 17 no.5:47-50 '64. (MIRA 17:12)

1. Institut matematiki i mekhaniki AN Armyanskoy SSR.

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R000825300008-6

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R000825300008-6

KARAPETYAN, K.S.; KOTIKYAN, R.A.

Effect of the scale factor on the shrinkage of concrete as dependent on the moisture content of the medium. Izv. AN Arm. SSR. Ser. fiz.-mat. nauk 17 no.2:91-103 '64.

(MIRA 17:9)

1. Institut matematiki i mekhaniki AN Armyanskoy SSR.

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R000825300008-6

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R000825300008-6

KOTIKYAN, R.A.

Approximate calculation of short eccentrically compressed symmetrically reinforced posts considering the creep of concrete. Izv.AN Arm.SSR.Ser.tekh.nauk no.4:67-69 '61. (MIRA 16:1)
(Reinforced concrete construction)

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R000825300008-6

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R000825300008-6

TARASENKO, N.I., polkovnik meditsinskoy sluzhby; KOTIKOVSKIY, N.S., mayor meditsinskoy sluzhby

Experience of a military hospital in organizing preventive medical service in army units. Voen. med. zhur. no.2:23-25 F '59. (MIRA 12:7)

(MEDICINE, MILITARY AND NAVAL
prov. aspects of military hosp. (Rus))
(MEDICINE, PREVENTIVE
same)
(HOSPITALS,
same)

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R000825300008-6

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R000825300008-6

KOTIKOVSKIY, N. R.

Rectoromanoscopic studies in abortive forms of acute dysentery and alimentary intoxication. Sov.med. 21 no.12:54-58 D '57. (MIRA 11:3)

(DYSENTERY, BACILLARY, diag.
rectoromanoscopy (Rus)
(FOOD POISONING, diagnosis,
rectoromanoscopy (Rus)

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R000825300008-6

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R000825300008-6

KOTIKOVSKAYA, M.

Traffic regulations in Czechoslovakia. Avt. transp. 38 no.9:60 S '60. (MIRA 13:9)
(Czechoslovakia--Traffic regulations)

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R000825300008-6

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R000825300008-6

KOTIKOVSKAYA, M.

They are fighting for traffic discipline. Avt.transp. 38 no.7:44 Jl '60. (MIRA 13:7)
(Traffic safety)

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R000825300008-6

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R000825300008-6

RODE, Aleksey Andreyevich; VERIGO, S.A., otv. red.; KOTIKOVSKAYA, A.B., red.

[Fundamentals of the study of soil moisture] Osnovy ucheniia o pochvennoi vlage. Leningrad. Gidrometeorizdat. Vol.1. 1965. 663 p. (MIRA 19:1)

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R000825300008-6

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R000825300008-6

CHISTYAKOV, A.D.; BURKOVA, M.V.; ORLOVA, Ye.M.; GLAZOVA, O.P.; PED', D.A.; BERLYAND, M.Ye.; ABRAMOVICH, K.G.; POPOVA, T.P.; MATVEYEV, L.T.; BACHURINA, A.A.; LEBEDEVA, N.V.; PESKOV, B.Ye.; ROMANOV, N.N.; VOLEVAKHA, N.M.; PCHELKO, I.G.; PETRENKO, N.V.; KOSHELENKO, I.V.; PINUS, N.Z.; SHMETER, S.M.; BATMAYEVA, T.F.; MININA, L.S.; BEL'SKAYA, N.N., nauchn. red.; ZVEREVA, N.I., nauchn. red.; KURGANSKAYA, V.M., nauchn. red.; MERTSALOVA, A.N., nauchn. red.; TOMASHEVICH, L.V., nauchn. red.; SAGATOVSKIY, N.V., otv. red.; KOTIKOVSKAYA, A.B., red.

[Manual of short-range weather forecasting] Rukovodstvo po kratkosrochnym prognozam pogody. Leningrad, Gidrometeoizdat. Pt.2. Izd.2. 1965. 491 p. (MIRA 18:8)

1. Moscow. TSentral'nyy institut prognozov.

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R000825300008-6

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R000825300008-6

IMYANITOV, Il'ya Moisseyevich; CHUBARINA, Yevgeniya Vladimirovna; KOTIKOVSKAYA, A.B., red.

[Electricity of the free atmosphere; results of measurements during the IGY and IGC] Elektrichestvo svobodnoi atmosfery; rezul'taty izmerenii vo vremia MGG i MGS. Leningrad, Gidrometeoizdat, 1965. 239 p. (MIRA 18:9)

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R000825300008-6

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R000825300008-6

IL'INSKIY, O.K.; GLAZOVA, O.P., nauchn. red.; KOTIKOVSKAYA, A.B., red.

[Manual on short-range weather forecasting] Rukovodstvo po kratkosrochnym prognozam pogody. Leningrad, Gidrometeoizdat. Pt.3. No.4. 1965. 211 p. (MIRA 18:10)

1. Moscow. TSentral'nyy institut prognozov. 2. Dal'nevostochnyy nauchno-issledovatel'skiy gidrometeorologicheskiy institut (for Il'inskiy). 3. TSentral'nyy institut prognozov, Moskva (for Glazova).

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R000825300008-6

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R000825300008-6

ZVEREVA, Ye.P.; GUTSKMAN, I.G., kand. geograf. nauk, red.; KOTIKOVSKAYA, A.B., red.

[Day-to-day [illegible] in pressure, temperature and wind over the U.S.S.R. Mezhdusutochnaia izmenchivost' davleniia, temperatury i vetra nad SSSR. Leningrad, Gidrometeoizdat, 1964. 81 p. (Moscow. Nauchno-issledovatel'skii institut aeroklimatologii. Trudy, no.22). (MIRA 17:10)

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R000825300008-6

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R000825300008-6

TEMNIKOVA, Nataliya Sergeyevna; KOTIKOVSKAYA, A.B., red.

[Some characteristics of the climate of the Northern Caucasus and the adjacent steppes] Nekotorye kharakteristiki klimata Severnogo Kavkaza i prilezhashchikh stepei. Leningrad, Gidrometeoizdat, 1964. 175 p. (MIRA 18:1)

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R000825300008-6

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R000825300008-6

TSURIKOVA, Anna Prokop'yevna; SHUL'GINA, Yelizaveta Fedorovna; SIMONOV, A.I., otv. red.; VAYTSMAN, A.I., red.; KOTIKOVSKAYA, A.B., red.

[Hydrochemistry of the Sea of Azov] Gidrokhimiia. Azovskogo moria. Leningrad, Gidrometeoizdat, 1964. 257 p. (MIRA 17:6)

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R000825300008-6

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R000825300008-6

DROZDOV, Oleg Alekseyevich, doktor geogr. nauk; GRIGOR'YEVA, Anna Sergeyevna, kand. geogr. nauk. Prinimal uchastiye BASHTAN, N.S., assistent; POKROVSKAYA, T.V., otv. red.; KOTIKOVSKAYA, A.B., red.; BRAYNINA, M.I., tekhn. red.

[Moisture circulation in the atmosphere] Vlagooborot v atmosfere. Leningrad, Gidrometeoizdat, 1963. 314 p. (MIRA 16:8)

1. Kafedra meteorologii geograficheskogo fakul'teta Leningradskogo gosudarstvennogo universiteta (for Bashtan).
(Moisture)

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R000825300008-6

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R000825300008-6

GEL'MGOL'TS, Nikolay Fedorovich; KOTIKOVSKAYA, A.B., red.; NIKOLAYEVA, G.S., tekhn. red.

[Mountain and valley circulation on the northern slopes of the Tien Shan] Gorno-dolinnaia tsirkuliatsiia severnykh sklonov Tian'-Shania. Leningrad, Gidrometeoizdat, 1963. 328 p. (MIRA 17:1)

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R000825300008-6

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MISHCHENKO, Zinaida Antonovna; KOTIKOVSKAYA, A.B., red.; ALEKSEYEV, A.G., tekhn. red.; VOLKOV, N.V., tekhn. red.

[Daily variations of air temperature and its agroclimatic significance]Sutochnyi khod temperatury vozdukha i ego agroklimaticheskoe znachenie. Leningrad, Gidrometeoizdat, 1962. 199 p. (MIRA 15:12)

(Crops and climate) (Atmospheric temperature)

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R000825300008-6

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VOROB'YEVA, Yevgeniya Viktorovna; POKROVSKAYA, T.V., otv. red.; BELEN'KAYA, L.L., red.; KOTIKOVSKAYA, A.B., red.; SERGEYEV, A.N., tekhn. red.

[Interrelationship of atmospheric processes in the northern hemisphere]Sopriazhennost' atmosfernykh protsessov v severnom polusharii. Leningrad, Gidrometeoizdat, 1962. 115 p. (MIRA 15:9)

(Meteorology)

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137-58-2-4086

Strengthening of Large-module Gears by Surface Treatment

e) contour hardening plus shot peening. The gears were tested for: 1) static fatigue (on a hydraulic pulsator with a frequency of 460 load changes per minute, over 1×10^6 cycles, with an asymmetrical non-reversing loading of 2 tons per tooth [ℓ shortened to 15 mm]; 2) impact fatigue (during bend-testing on an N.A. Lopatinskiy machine). In both cases the test ended with the appearance of fatigue cracks at the base of the tooth. Better results were exhibited by gears of steel 12Kh2N4A and 12KhN3A, and gears of similar strength made from steel 50, all treated as per (c) and (d) above -- the (d) treatment being the simpler. Treatments (b) and (e) yielded low cyclic strength values. Gears of the 18KhGT steel were inferior in strength to those of Cr-Ni steels, even after shot peening of the teeth.

A.S.

1. Gears--Production 2. Gears--Test methods 3. Gears--Test results

Card 2/2

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APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R000825300008-6

KOTIKOVA, YE. T.

137-58-2-4086

Translation from: Referativnyy zhurnal, Metallurgiya, 1958, Nr 2, p 261 (USSR)

AUTHOR: Kotikova, Ye. T.

TITLE: Strengthening of Large-module Gears by Surface Treatment (Uprochneniye krupnomodul'nykh shesteren poverkhnostnoy obrabotkoy)

PERIODICAL: V sb.: Vopr. konstrukts. prochnosti stali. Moscow, Mashgiz, 1957, pp 67-82

ABSTRACT: An investigation was made of the drive gears of the traction motor of an internal-combustion-engine locomotive. m (the gear module) = 10; ℓ (the tooth length) = 140 mm; T (the number of teeth) = 16. The gears were made from steels 12Kh2N4A, 12KhN3A, and 18KhGT and had undergone casehardening, high-temperature tempering, oil quenching, and tempering at 150°C. The gears made from steel 50 were oil-quenched and tempered at 560° and then subjected to one of the following treatments: a) a partial hardening of the working part of the tooth with a high-frequency current; b) contour hardening with a high-frequency current; c) partial hardening with a high-frequency current and by shot peening; d) the same, but with roller hardening;

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KOTIKOVA, Ye.T., kandidat tekhnicheskikh nauk.

Effect of white and black streaks in the microstructure of a layer of shot peened steel on its fatigue strength. [Trudy] TSNIITMASH no.74:132-144 '55. (MIRA 9:1)
(Shot peening) (Steel--Fatigue)

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R000825300008-6

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R000825300008-6

KOTIKOVA, Ye.T., kandidat tekhnicheskikh nauk

Effect of cyclic loading on stability of the effect of shot peening on fatigue strength of 60C2 spring steel. [Trudy] TSNIITMASH no.70: 23-34 '55. (MIRA 8:11)
(Shot peening) (Springs (Mechanism)) (Steel--Fatigue)

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R000825300008-6

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R000825300008-6

KOTIKOVA YE.T.

KOBRIN, M.M., kandidat tekhnicheskikh nauk; KOTIKOVA, Ye.T., kandidat tekhnicheskikh nauk.

Experience of the Central Scientific Research Institute of Technology and Machine Building in the hardening of machine parts by shot peening. [Trudy] TSNIITMASH no.63:104-117 '54. (MLRA 7:9)
(Machinery) (Shot peening)

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R000825300008-6

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R000825300008-6

KOTIKOVA, Ye.T., kandidat tekhnicheskikh nauk.

Structural modifications in steel alloys as a result of shot peening. [Trudy] TSNIITMASH no.63:86-103 '54. (MLRA 7:9)
(Steel alloys--Metallography) (Shot peening)

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R000825300008-6

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R000825300008-6

KOTIKOVA, Ye. T.

USSR/Miscellaneous - Theses

Card 1/1 Pub. 128 - 24/26

Authors : .....

Title : Abstract of theses

Periodical : Vest. mash. 2, 108-109, Feb 1954

Abstract : The following abstracts of theses are presented: Anson, P. I. - Experimental investigation of the strength of cylinder flange joints for high-pressure turbines; Sharin, Yu. S. - The investigation of certain economical processes in cutting metals at various speeds and feeds; Kotikova, E. T. - The effect of cleaning with a blast of metal-shot on the strength of machine components; Lumpe, V. E. - The working of holes with an electric spark method; and Nefedov, A. F. - The investigation of the influence of microfinished surfaces on the wear of cylinders of internal combustion engines.

Institution : .....

Submitted : .....

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R000825300008-6

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R000825300008-6

KOTIKOVA, Vera Nikolayevna; GORELIK, I.M., red.; ABBASOV, T., tekhn. red.

[Monetary wages on cotton-raising collective farms] Denezhnaia oplata truda v khlopkovodcheskikh kolkhozakh. Tashkent, Gosizdat UzSSR, 1963. 72 p. (MIRA 17:1)

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R000825300008-6

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R000825300008-6

KOTIKOVA, VERA NIKOLAYEVNA

DUDKO, Andrey Yevstaf'yevich; MEDNIS, Maksimilian Petrovich; CHUMACHENKO, Ivan Nikolayevich; KOTIKOVA, Vera Nikolayevna; BESEDIN, P.N., kand. sel'skokhozyaystvennykh nauk, red.; ZHURAVLEV, B.S., red.; DEMIDOVA, L.F., tekhn.red.

[Cotton cultivation practices and the economic effectiveness of checkrowing] Agrotekhnika i ekonomicheskaia effektivnost' kvadratno- i priamougol'no-gnezdovykh posevov khlopchatnika. Pod red. P.N.Besedina. Tashkent, Gos.izd-vo Uzbekskoi SSR, 1956. 90 p. (MIRA 10:12)

(Cotton growing)

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R000825300008-6

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R000825300008-6

KOTIKOVA, V. N.

The Committee on Stalin Prizes (of the Council of Ministers USSR) in the fields of science and inventions announces that the following scientific works, popular scientific books, and textbooks have been submitted for competition for Stalin Prizes for the years 1952 and 1953. (Sovetskaya Kultura, Moscow, No. 22-40, 20 Feb - 3 Apr. 1954)

Name	Title of Work	Nominated by
Kotikova, V. N.	"Cotton Growing" Textbook	Ministry of Agriculture Uzbek SSr

SO: W-30604, 7 July 1954

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R000825300008-6

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R000825300008-6

ARAKELOV, Arkadiy Avakovich; ARTAMONOVA, Rufina Grigor'yevna; KAZAKOV, Leonid Iosifovich; FEYGIN, Aleksandr Borisovich; KOTIKOVA, V.G., ved. red.

[Vykhino tank farm is an enterprise of communist labor] Vykhinskaia neftebaza - predpriiatie kommunisticheskogo truda. Moskva, Nedra, 1965. 77 p. (MIRA 18:7)

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R000825300008-6

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R000825300008-6

GLINYANYY, V.; DZHALILOV, Kh.; KOTIKOVA, V.; KHUSANOV, M.

Monetary payment of wages on collective farms in the Uzbek S.S.R. Sots. trud 5 no.11:24-30 N '60. (MIRA 14:1)
(Uzbekistan—Collective farms—Income distribution)

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R000825300008-6

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R000825300008-6

KOTIKOVA, R.A., inzh.

Radio relaying of broadcast programs by use of the networks of shortwave FM stations. Vest. sviazi 21 no.5:5-6 My '61. (MIRA 14:6)

(Radiobroadcasting)
(Radio relay systems)

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R000825300008-6

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R000825300008-6

SOV/106-59-1-5/12

The Selectivity of VHF Broadcast Receivers

improved to avoid variation of bandwidth with AGC action; the receiver should leave the factory adjusted so that tuning is foolproof.
There are 3 figures.

SUBMITTED: July 14, 1958

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SOV/106-59-1-5/12

The Selectivity of VHF Broadcast Receivers

shape and form of the linear selectivity characteristic depends on the input level and when this increases the characteristic shifts towards the high-frequency region. The bandwidth measured at the 6 dB level is 320 kc/s and is impermissibly large; the Vesna receiver has similar shortcomings and its bandwidth changes from 325 to 210 kc/s when the input level changes from 25 to 400 microvolts. The performance of the more expensive Druzhba receiver is more satisfactory. The bandwidth changes less because the effect of AGC on input capacitance is less marked, since the grid capacitance of the valve forms a smaller proportion of the total tuning capacitance of the tuned circuits. In West European countries and in the USA a maximum deviation of ± 75 kc/s is used and even in West German receivers the bandwidth is maintained as low as 120 to 140 kc/s. Several recommendations are made: adjacent channel interference should be considered at 150 kc/s intervals; a better method of selectivity measurement must be devised; circuit design should be

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SOV/106-59-1-5/12

The Selectivity of VHF Broadcast Receivers

± 250 kc/s from the centre frequency. The selectivity is defined as the ratio of the appropriate input levels. The selectivity measured this way depends both on the characteristics of the IF amplifier and of the FM detector. The real selectivity of the receiver is determined by the ratio of the signal and interference levels at the output of the IF amplifier. A number of measurements have been made on mass-produced receivers of the class II type (Volga and Vesna) and of a higher priced model (Druzhba). Figs 1, 2 and 3 show the linear selectivity (amplitude frequency characteristic of the IF amplifier); characteristics of the FM detector taken from the grid of the preceding valve; the transfer characteristics of the FM detector, taken from the input of the receiver; and the transfer characteristics of the detector (the dependence of output voltage on the frequency of the input signal for a constant high-frequency voltage at the input of the receiver and a fixed frequency deviation). Curve 2 refers to an input of 25 microvolts, curve 3 refers to 100 microvolts and curve 4 to 400 microvolts. It is evident from the curves that in the case of the Volga receiver the

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SOV/106-59-1-5/12

The Selectivity of VHF Broadcast Receivers

desired programme, while if the programmes are the same interfering stations need only be spaced more than 100 kc/s away. In the Soviet plan the spacings envisaged are respectively 250 and 125 kc/s. However, these figures were arrived at without taking account of tropospheric interference. Since transmitter instability has rendered common channel working impossible even if transmitters are separated by considerable distances, the spacing between channels has been made not 250 kc/s but 25 kc/s and this has increased the danger of interference by distant stations. One result of this re-allocation of frequencies is re-appraisal of the selectivity necessary in VHF receivers. Now the interference may be expected for channels spaced at 125, 150, 175 and 200 kc/s from the wanted station. The method of measuring selectivity must also be examined. The single-signal method consists of the following steps. A receiver is tuned accurately to an incoming signal from the GSS-ChM with ± 15 kc/s deviation modulated with a frequency of 400 or 1000 c/s, and input level is adjusted to give an output power equal to 10% of the nominal output. The procedure is repeated

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SOV/106-59-1-5/12

AUTHORS: Savitskiy, B.I., and Kotikova, R.A.

TITLE: The Selectivity of VHF Broadcast Receivers (K voprosu ob izbiratel'nosti radioveshchatel'nykh priyemnikov v poddiapazone UKV)

PERIODICAL: Elektrosvyaz', 1959, Nr 1, pp 38-43 (USSR)

ABSTRACT: According to the present plan for broadcast coverage of the Soviet Union, a four-programme scheme is foreseen for the band 66 - 72 Mc/s in the European part of the USSR, and a six-programme system in parts of the most densely populated multi-racial territories using supplementary bands 64.5 - 66 Mc/s and 72 - 73 Mc/s. The first of these supplementary bands can only be used when the two T.V. channels are absent. Rather close spacing of the channels is envisaged with a minimum spacing of 575 kc/s, which should be adequate for present and earlier receivers. Interference must be considered not only from other stations but also by means of tropospheric scattering. For fairly distant ultra-short-wave stations, distant perhaps 600 to 7,000 kilometers, the experiment has shown that a disturbing station with a different programme must be spaced at least 200 kc/s from the

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ROUBINEK, Frantisek; KOTIKOVA, Milada

Geiger-Muller counter with two end windows. Jaderna energie 4 no.6:159-161 Je '58.

1. Ustav technicke fysiky, Ceskoslovenska akademie ved.

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R000825300008-6

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R000825300008-6

S/058/62/000/011/039/061
A160/A101

AUTHORS: Seidl, Radko, Kotíková, Milada

TITLE: A method of treating anodes in Geiger-Müller counters

PERIODICAL: Referativnyy zhurnal, Fizika, no. 11, 1962, 29, abstract 11-3-57kh P (Czechosl. pat., cl. 21g, 18/01, no. 99422, April 15, 1961)

TEXT: An early decomposition of hydrocarbons, caused by an exoelectronic emission from the anode, is sometimes observed in Geiger-Müller counters. The emission is caused by a spontaneous formation of an oxide layer on the anode, containing capture levels. To avoid this appearance, it is proposed to coat the anodes of the counters with an oxide layer in advance to allow the layer have its exact stoichiometric composition and an adequate thickness, since a considerable quantity of lattice defects arises on the boundary between the metal and the oxide. The oxidation must be carried out at a high temperature, and the cooling - gradually to maintain the attained state of the lattice. In the case of a tungsten anode, the oxidation is conducted in the air at 500°C for 10 min, and the cooling up to the working temperature is carried out at a rate of 10°C per min. [Abstracter's note: Complete translation] N. S.

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APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R000825300008-6

CZECHOSLOVAKIA / Laboratory Equipment. Apparatus. Its Theory, Construction and Application. F

Abs Jour: Ref Zhur-Khimiya, No 4, 1959, 11602.

Author : Roubinek E. Kotikova M.
Inst : Not given.
Title : The Geiger-Mueller Counter with Two Concave Windows.

Orig Pub: Jaderna energie, 1958, 4, No 6, 159-161.

Abstract: The construction and technical data about a counter with two windows for the registration of β - radiation are described. In contrast to existing models, in which the anode is supported by a holder disrupting the homogeneity of the field, the anode in the improved counter is reinforced in the glass bushings cemented to the mica windows. The new counter possesses all the basic properties of the usual counters with hydrocarbon suppresion

Card 1/2

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TSYNKALOVSKAYA, S.N. [TSynkalovs'ka, S.M.]; KOTKOVA, K.I.; GALANOVA, T.F. [Halanova, T.F.]

Chromatography of highly purified bovine fibrinogen on DEAE-cellulose and Ca-phosphate columns. Ukr. biokhim. zhur. 36 no.3:445-453 '64. (MIRA 17:10)

1. Institut biokhimii AN UkrSSR, Kiyev.

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R000825300008-6

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R000825300008-6

KOTIKOVA, B.N.

DEMAKOV, G.I., mladshiy nauchnyy rabotnik; KOTIKOVA, B.N., mladshaya nauchnaya rabotnitsa; DAVYDOV, I.S., mladshiy nauchnyy rabotnik; SAPIL'NIKOV, N.G. kandidat ekonomicheskikh nauk, redaktor; BASIN, S.G., izdatel'skiy redaktor.

[Results of work of the Union Scientific Research Institute of Cotton Cultivation] Itogi rabot SoiuzNIKhI za 1954 god. Pod red. N.G. Sapil'nikova. Tashkent, Izd-vo SAGU. No.1. [Research on problems of work organization and use of production resources at machine-tractor stations and collective farms engaged in cotton growing] Izuchenie voprosov organizatsii truda i ispol'zovaniia sredstv proizvodstva v khlopkovykh MTS i kolkhozakh 1955. 60 p. (MLRA 10:5)

1. Tashkent, Vsesoyuznyy nauchno-issledovatel'skiy institut khlopkovodstva. 2. Sektor ekonomiki i organizatsii proizvodstva Soyuznogo nauchno-issledovatel'skogo khlopkovogo instituta (for Demakov, Kotikova, Davydov, Sapil'nikov)

(Cotton growing) (Machine-tractor stations)
(Collective farms)

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KOTIKOV, Yu.A., prof. (Leningrad)

Morphological features of leukocytes in children in some endocrine disorders. Probl.endok.i gorm. 7 no.3:102-109 '61.

(MIRA 14:9)

1. Iz kliniki gospital'noy pediatrii (zav. - deystvitel'nyy chlen AMN SSSR zasluzhennyy deyatel' nauki prof. A.F. Tur) Leningradskogo pediatricheskogo meditsinskogo instituta (dir. - prof. N.T. Shutova).

(LEUKOCYTES) (ENDOCRINE GLANDS--DISEASES)

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APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R000825300008-6

KOTIKOV, Yu.A.

Problem of therapy in thrombocytopenic purpura. Probl. gemat. i perel. krovi 5 no. 4:28-29 Ap '60. (MIRA 14:1)
(PURPURA (PATHOLOGY)) (VITAMINS--T)

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R000825300008-6

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R000825300008-6

TUR, A.F., prof., zasluzhennyy deyatel' nauki, otv.red.(Leningrad); VOLOTOV, A.N., dotsent, red. (Leningrad); KVASNAYA, L.G., dotsent, red.; KOTIKOV, Yu.A., prof., red.; LIBOV, A.L., prof., red. (Leningrad); MALYSHEVA-MAKSIMENKOVA, Ye.S., dotsent, red.; MIRONOVICH, V.K., dotsent, red. (Leningrad); TERNOVSKIY, S.D., prof., red. (Moskva); TITOV, A.I., kand.med.nauk, red. (Leningrad); NATAROVA, N.V., red.; LIVSHITS, D.A., tekhn.red.

[Proceedings of the Seventh All-Union Congress of Pediatricians in Leningrad, 1957; abridged stenographic report] Trudy VII Vsesoyuznogo s"ezda detskikh vrachei; sokrashchennaia stenogramma. Otv.red. A.F.Tur. Leningrad, Gos.izd-vo med.lit-ry, Leningr.otd-nie, 1959. 654 p. (MIRA 13:5)

1. Vsesoyuznyy s"yezd detskikh vrachey, 7th, Leningrad, 1957.
2. Deystvitel'nyy chlen Akademii meditsinskikh nauk SSSR (for Tur).
3. Chlen-korrespondent Akademii meditsinskikh nauk (for Ternovskiy).
(PEDIATRICS--CONGRESSES)

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KOTIKOV, Ye.M., inzhener

Mechanical shovels for unloading apatite from railroad freight cars. Khim.prom.no.9:269-270 S' 47. (MLRA 8:12)

1. Nevskiy khimicheskiy zavod.
(Shoveling machines)

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APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R000825300008-6

KOTIKOV, Ye.M., inzhener

Mechanical door opener for Beskov railroad freightcars. Khim.prom. no. 7:206 Jl'47. (MLRA 8:12)

1. Nevskiy khimicheskiy zavod
(Railroads--Freight cars)

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APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R000825300008-6

BELONOSOV, I.I.; BOBROVA, A.S.; KAS'YANENKO, G.P.; KOTIKOV, S.F.; KULINCHENKO, A.A.; SMIRNOVA, Yu.A. Prinimal uchastiye: MAKSAKOV, V.V., prof.. KABANOV, P.I., prof., glavnyy red.; ANTROPOV, N.P., dotsent, red.; BAZAYEV, M.G., red.; VINOGRADOV, D.I., red.; VESELKINA, A.A., red.; SHADRINA, N.D., tekhn.red.

[Guide] Putevoditel'. No.1. 1958. 367 p. (MIRA 12:8)

1. Vsesoyuznyy tsentral'nyy sovet professional'nykh soyuzov. TSentral'nyy arkhiv. 2. Sotrudniki TSentral'nogo arkhiva Vsesoyuznogo tsentral'nogo soveta professional'nykh soyuzov (for Belonosov, Bobrova, Kas'yanenko, Kotikov, Kulinchenko, Smirnova).
(Trade unions)

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KOT: KOO, S.

KOTIKOV, S. chlen profsoyuza s 1905 goda

First illegal trade union in Saratov. Sov. profsoiuzy 6 no.1: 60-62 Ja '58. (MIRA 11:1)

(Saratov--Trade unions)

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R000825300008-6

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R000825300008-6

1. BEBESHIN, I. A. ENG KOTIKOV, P. I. ENG

2. USSR (600)

4. Shoe Industry

7. Machine for the turning of boot tops of fishermen's boots. Leg. Prom. no. 12, 1952.

9. Monthly List of Russian Accessions, Library of Congress, March 1953. Unclassified.

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R000825300008-6

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R000825300008-6

KOTIKOV, N. A.

PA 7/49T26

USSR/Communication
Telephone Lines
Efficiency, Industrial

Jul 48

"Inspectors Who Have Fulfilled Their Five-Year Plan Ahead of Schedule," N. A. Kotikov, Main Tagan Telephone Net, ½ p

"Vest Svyazi - Elektrosvyaz'" No 7 (100)

Describes achievements of four telephone Stakhanovites.

[redacted]

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DATSEV, P. (Rybinsk); KOTIKOV, I. (pos.Revda, Murmanskaya obl.); MIKHAYLIK, P. (Sukhumi); KONOSHENKO, A. (Arkhangel'sk); BOGDANOV, T. (Syktyvkar, Komi ASSR); VISKOV, V. (Chelyabinsk); SEREGIN, S. (Vorkuta)

Are stationary fire escape ladders necessary? Pozh.delo 8 no.6:26 Je '62. (MIRA 15:6)

(Fire escapes)

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KOTIKOV, A.R.

KOTIKOV, A.R.

Growing hulless barley. Est. v shkole no.3:76-77 My-Je '54. (MLRA 7:7)

1. Uchitel' Ramenskoy semiletney shkoly Novosokol'nicheskogo rayona Velikolukskoy oblasti.
(Barley)

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KULEMOV, K.K., inzh.; ZORIN, M.I., inzh.-meliorator; DASHKOVSKAYA, L.T., rybovod; GUDYM, L.M.; KONOVALOV, D.N., rybovod; KOTIKOV, A.P., inzh.; ROZHKOV, N., red.; PRIKHOD'KO, S., red.; OLEYNIKOV, A., red.; ZLOBIN, M., tekhn. red.

[Fishery resources of Kazakhstan; a manual for fishermen] Rybnye bogatstva Kazakhstana; spravochnik rybaka. Alma-Ata, Kazgosizdat, 1963. 262 p. (MIRA 17:2)

1. Glavnyy spetsialist otdela pishchevoy promyshlennosti Gosudarstvennogo Komiteta Soveta Ministrov Kazakhskoy SSR po koordinatsii nauchnykh i tekhnicheskikh rabot (for Gudym).

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A Calculating Machine for Controlling Arc-Furnace Duty 105-58-5-4/28

calculating machine it was possible to diminish the asymmetry of electroenergy distribution between the phases of a 20 t furnace by the 2,5-fold.
The following persons took part in creating the electron calculating machine: A. A. Fel'dbaum, Doctor of Technical Sciences, L. N. Fitsner, Candidate of Technical Sciences, Yu. M. Alyshev, Engineer, L. I. Shevchenko, Engineer. There are 5 figures and 5 references, which are Soviet.

ASSOCIATION: Tsentral'naya laboratoriya avtomatiki tresta "Energochermet" (Central Laboratory for Automation of the "Energochermet" Trust)

SUBMITTED: May 27, 1957

AVAILABLE: Library of Congress

Card 3/3 1. Electric furnaces--Control systems 2. Mathematical computers--Applications

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diagram the controlling character in the absence and in the presence of the calculating devices is illustrated. The contradiction between the necessity of a quick removal of the produced deviation of power from the nominal value - and the necessity of a relatively slow compensation of the produced deficiency easily can be removed, when the employed electrodynamic controller is characterized by a maximum high-speed effect, whilst the velocity of the transients (determined by the effect of the calculating machine) is tuned in within the demanded limits at the expense of controlling the amplifier factor of the integrating member. The calculating device reacts to all excitations causing a deviation of the power from its given mean value. The practical experience with the calculating machine shows that during melting at $T = 10$ sec the variation of the real current caused by excitations does not exceed $\pm$ 10 % of the arc-current mean value. The one-year lasting test operation of the calculating machine showed that during complicated melting processes the machine guarantees an energy supply with an error not exceeding 2 %. By the aid of the

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KOTIKOV, A.N.

AUTHORS: Yefroymovich, Yu. Ye., Candidate of Technical Sciences, Kotikov, A. N., Engineer, Stiop, Ya. I., Engineer, Genishta, Ye. S., Engineer, Tikhmenev, V. B., Engineer 105-58-5-4 /28

TITLE: A Calculating Machine for Controlling Arc-Furnace Duty (Vychislitel'noye ustroystvo dlya upravleniya rezhimom dugovoy pechi)

PERIODICAL: Elektrichestvo, 1958, Nr 5, pp. 15-20 (USSR)

ABSTRACT: At first an analysis of the controlling method of the electric operation of arc-furnaces according to the ratio between amperage and voltage in the phase is given, which now is everywhere in use. It is shown that it is useful to abandon this method and to change over to the controlling method by means of calculating machines. In these the power of effective electric energy supplied to the furnace is controlled. This method is based on the maintainance of the equations (1), (2) and (3). A scheme for an electromechanical variant of a calculating machine for one of the furnace phases is given. By means of a

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YEFROYMOVICH, Yu.Ye.; MARTYNUSHKIN, A.M.; TSUKANOV, V.P.; SHIKOV, I.P.; NIKONOV, A.V.; KABLUKOVSKIY, A.F.; KOTIKOV, A.N.; KOLCHANOV, V.A.; VINOGRADOV, V.M.; GENISHT, Ye.S.

VU-5086 computer and high-speed electronic automatic controller for regulating power supply to electric arc furnaces. Prom. energ. 18 no.7: 7-8 Jl '63. (MIRA 16:9)

(Electric furnaces)

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Card 1/2 ... system) the multiwinding current ... matrix.

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ACC NR: AP6029035

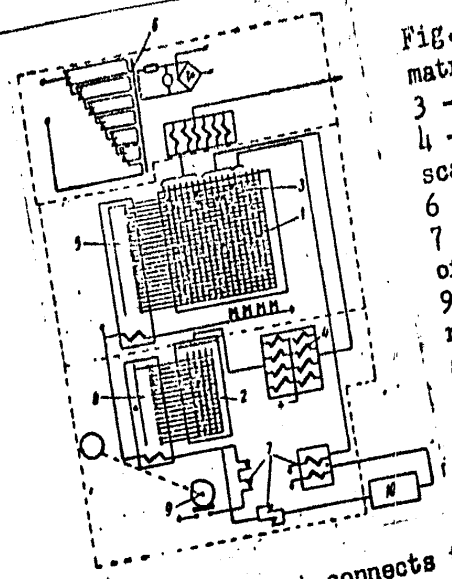

Fig. 1. 1 - remo... matrix; 2 - secondary ma... 3 - semiconductor diodes; 4 - comparison relay; 5 - step scanner of the program matrix; 6 - multiwinding transformer; 7 - switch; 8 - step scanner of the secondary matrix; 9 - mechanism of the time readout; 10 - switch of the step voltage

transformer and a switch. The switch connects the coil of the step scanner of the secondary matrix either with the mechanism of the time readout or with the switch of the step voltage of the power transformer. Orig. art. has: 1 figure.

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TIMOSHENKO, V.V.; MARTYNISHKIN, A.M.; TSUKANOV, V.P.; GANGO, Ya.V.; SHIKOV, I.P.; NIKONOV, A.V.; POSTNIKOV, V.P.; KOROLEV, G.D.; ARTAMONOV, A.M.; TEMNIKOV, S.N.; KABLUKOVSKIY, A F.; MAKHOV, A.Kh.; KOTIKOV, A.Kh.; ZNAMENSKIY, B.A.; ZUYEV, T.I.; POZDNYAKOV, A.P.; BALASHOV, S.A.; YERMOKHIN, I.P.

New design of electrode holders for electric-arc smelting furnaces. Prom. energ. 15 no.8:13-14 Ag '60. (MIRA 15:1)
(Electric furnaces)

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KOTIKOV, A.K.

MALAKHOVSKIY, Ya.E.; IVANOV, Yu.B.; DYBOV, O.V., kandidat tekhnicheskikh nauk, redaktor; FRUMKIN, A.K., kandidat tekhnicheskikh nauk, dotsent, retsenzent; KOTIKOV, A.K., inzhener, retsenzent; SOKOLOVA, T.F. tekhnicheskiy redaktor.

[Automobile friction clutches] Friktsionnye stsepleniia avtomobilei. Moskva, Gos.nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1955. 142 p. (Razvitie konstruktsii avtomobilei, no.13) (MLRA 8:8)
(Automobiles--Clutches)

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KOTIK, V.L. [Kotyk, V.L.]

Exchangeable parts for the PUB-1,0 loader. Mekh.sil'.hosp. 8 no.9:7 S '59. (MIRA 13:1)

1. Glavnyy inzhener Novgorod-Siverskoy lugomeliorativnoy stantsii Chernigovskoy oblasti.
(Hoisting machinery)

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GLAZKOV, V.I.; KOTIK, V.G.

Display at the Exhibition of the Achievements of the National Economy of new equipment for the protection of pipelines against electrolytic corrosion. Zashch. met. 1 no.2:254 Mr-Ap '65. (MIRA 18:6)

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KOTIK, V.G.

New line cathode stations. Stroi.truboprov. 9 no.11:31-33 N '64.
(MIRA 18:2)

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KOTIK, Viktor Gerasimovich; ZUBAREVA, Ye.I., ved. red.

[Cathodic protection of pipelines] Katodnaia zashchita magistral'nykh truboprovodov. Moskva, Nedra, 1964. 206 p.
(PIRA 17:12)

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APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R000825300008-6

KOTIK, V.G.; NIKOL'SKIY, K.K.

Modern cathodic protection of pipelines and communication cables from corrosion. Gaz. delo no.10:24-28 '63. (MIRA 17:4)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut po stroitel'stvu magistral'nykh truboprovodov (for Kotik). 2. TSentral'nyy nauchno-issledovatel'skiy institut svyazi Ministerstva svyazi SSSR (for Nikol'skiy).

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KOTIK, V.G.; GLAZOV, N.P.

Determination of the optimal distance between the pipeline and the anodic grounding. Stroi. truboprov. 8 no.8:10-11 Ag '63. (MIRA 16:11)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut po stroitel'stvu magistral'nykh truboprovodov.

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DUBINOVSKIY, I.V. (pos.Chernomorskiy Krasnodarskogo kraya); KOTIK, V.G.

Answers to readers' questions. Stroi. truboprov. 7 no.8: 26-27 Ag '62. (MIRA 15:9)

1. Rukovoditel' sektora elektrozashchity lineynykh sooruzheniy Vsesoyuznogo nauchno-issledovatel'skogo instituta po stroitel'stvu magistral'nykh truboprovodov (for Kotik).
(Electric currents—Grounding)

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VYSOTSKIY, V.F., inzh.; KOTIK, V.G., inzh.

Increasing the protection zone by using additional cathode grounding. Stroi. truboprov. 6 no. 1:10-11 Ja '61. (MIRA 14:2)
(Electric currents—Grounding) (Pipelines)

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APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R000825300008-6

GLAZKOV, Vsevolod Ivanovich, inzh.; DOROSHENKO, Petr Grigor'yevich, inzh.; KOTIK, Viktor Gerasimovich, inzh.; TSIKERMAN, L.Ya., red.; SOLGANIK, G.Ya., vedushchiy red.; MUKHINA, E.A., tekhn. red.

[Protection of main pipelines against underground corrosion] Zashchita magistral'nykh truboprovodov ot podzemnoi korrozii. Moskva, Gos.nauchno-tekhn.izd-vo neft. i gorno-toplivnoi lit-ry, 1960. 244 p. (MIRA 13:7)

(Pipelines--Corrosion)

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Theory and Application of Anti-corrosion (Cont.) SOV/1882

Resolution of the All-Union Conference on the Theory and Practice of Protection of Underground Installations Against Corrosion

270

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A.I. Gordyukhin; 5) development of methods for determining the corrosion activity of soils (Yu. N. Mikhaylovskiy, N.D. Tomashov, M.S. Trifel', and V.V. Krasnoyarskiy); 6) concrete examples of corrosion and protection of underground installations (S.G. Vedenkin and V.S. Artamonov, V.A. Pritula, and S.S. Popov). There are 161 references, 128 of which are Soviet, 30 English, and 3 German.

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Sciences; Resp. Ed.: N.D. Tomashov, Professor, Doctor of Chemical Sciences; Ed. of Publishing House: A.L. Bankvitser; Tech Ed.: P.S. Kashina.

PURPOSE: The book is intended for chemists, engineers, and metallurgists concerned with the problem of metal corrosion in underground installations.

COVERAGE: The book contains the papers read at the All-Union Conference of the Committee on the Control of Corrosion of the Academy of Sciences, USSR, held in May, 1956. The following scientific and technical problems discussed at the conference received particular attention: 1) theory of metal corrosion underground (N.D. Tomashov and S.I. Kuznetsov); 2) theory, calculation, and practical application of cathodic and anodic protection of underground installations (A.F. Lunev, T.M. Yershov, V.G. Kotik, V.V. Krasnoyarskiy, and A.N. Tsekun); 3) study of the anticorrosive properties and the improved technology in manufacturing and applying protective coatings to subterranean metallic installations (L. Ya. Tsikerman, V.I. Zhukov, M.D. Dzhafarov, and V.S. Artamonov); 4) prevention of stray current corrosion (I.V. Strizhevskiy, D.K. Tomlyanovich, P.G. Doroshenko, and

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KOZIK, V.G.

14(5) PHASE I BOOK EXPLOITATION SOV/1882

Vsesoyuznoye soveshchaniye po korrozii i zashchite metallov. 6th, Moscow, 1956

Teoriya i praktika protivokorrozionnoy zashchity podzemnykh sooruzheniy; trudy soveshchaniya (Theory and Application of Anti-corrosion Measures of Subterranean Installations; Transactions of the 6th All-Union Conference on Corrosion and Protection of Metals) Moscow, 1958. 273 p. Errata slip inserted. 3,000 copies printed.

Sponsoring Agency: Akademiya nauk SSSR. Institut fizicheskoy khimii. Komissiya po bor'be s korroziyey metallov.

Editorial Board: I.M. Yershov, Candidate of Technical Sciences; A.F. Lunev, Candidate of Chemical Sciences; Yu.N. Mikhaylovskiy, Candidate of Chemical Sciences, I.V. Strizhevskiy, Candidate of Technical Sciences; N.D. Tomashov, Professor, Doctor of Chemical Sciences; and P.V. Shchigolev, Candidate of Chemical

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GLAZKOV, V.I., inzhener (Moskva); KOTIK, V.G., inzhener (Moskva)

Cathodic protection station with a semiconducting thermoelectric generator. Strei.prod.neft.prom.1 no.5:7-10 Jl '56. (MIRA 9:9) (Electrolytic corrosion) (Petroleum--Pipelines--Corrosion)

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112-2-3592

Experience in Electrically Protecting Main Pipe Lines (Cont.)

has developed a cathode protection installation which is automatically cut out on the appearance of stray currents and with an excessive increase of negative potential on the pipe line. Protection is improved by reducing the longitudinal resistance of the rail network and by increasing the resistance to current spread (drainage, sleeper impregnation, rubble ballast, reducing the amount of grounded metal equipment connected with the rails.

BIBLIOGRAPHY: [Unspecified] eight titles.

D.S.K.

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