"APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000722310004-2

L 13331-66 EWT(m)/EWP(w)/ETC(m)-6 IJP(c) WW/EM

ACC NR: AP6001012 (N) SOURCE CODE: UR/0286/65/000/022/0088/0089

AUTHORS: Firsov, G. A.; Khoroshanskiy, G. M.

ORG: none

TITLE: A ship's roll damper. Class 65, No. 176503

SOURCE: Byulleten' izobreteniy i tovarnykh znakov, no. 22, 1965, 88-89

TOPIC TAGS: roll control, roll damping, oscillation damper

ABSTRACT: This Author Certificate presents a damper of ship's sideways roll. The device includes edge passive cisterns open to the outside water and connected by an air-duct with a regulating valve (see Fig. 1).

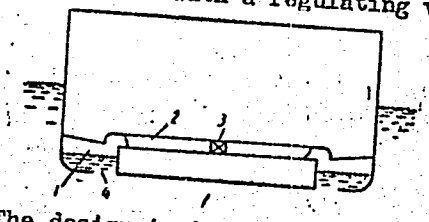

Fig. 1. 1.- Edge passive cisterns; 2 - air duct; 3 - regulating valve; 4 - openings in the bottom of the ship.

The design is intended to increase the degree of effectiveness of damping free oscillations and to reduce the amplitude of forced oscillations in a wave. The

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L 15331-66

ACC NR: AP6001012

edge cisterns are located in the space between the bottoms. These cisterns are filled with water from outside the hull. Water enters the cisterns through the openings in the bottom of the ship. The dimensions of the openings are determined by the variation in the stability of the ship's form which influences the parameters of its roll. Orig. art. has: 1 figure.

SUB CODE: 13/ SUBM DATE: 27Nov50

Card 2/2 MJS

APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000722310004-2"

"APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000722310004-2

L 27853-65 EWT(1)/EWT(m)/T/EWP(t)/EWP(b) IJP(c) GG/JD

ACCESSION NR: AP5007334 S/0089/64/017/006/0504/0505

25

B

AUTHOR: Venikov, N. I.; Chumakov, N. I.; Khoroshavin, B. I.

TITLE: Recharge of 2 to 13.3 Mev oxygen ions on thin alundum films

18

SOURCE: Atomnaya energiya, v. 17, no. 6, 1964, 504-505

TOPIC TAGS: ionization, cyclotron

ABSTRACT: The concentrations of ions with various charges as a function of stripped beam energy were studied using a cyclotron that accelerated $^{16}O^{2+}$ ions at the third, fifth, and seventh high-frequency subharmonics. The emitted beam charge was analyzed after passage through ~20mg/cm^2 alundum film. The curves of charge concentrations are given. The authors thank A. A. Shubin for his help in the preparation of the alundum films. Orig. art. has: 2 graphs.

ASSOCIATION: none

SUBMITTED: 20Nov63 ENCL: 00 SUB CODE: NP

NO REF SOV: 001 OTHER: 000 NA

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3

L 27307-65 EWT(m)/EPA(w)-2/EWA(m)-2 Pab-10/Pt-10 IJP(c)
ACCESSION NR: AP5002140 S/0120/64/000/006/0028/0029

40
35
B

AUTHOR: Antonov, A. V.; Vasil'yev, P. I.; Venikov, N. I.; Kalinin, S. P.; Sokolov, N. I.; Khaldin, N. N.; Khoroshavin, B. I.; Chumakov, N. I.

TITLE: Changing the IAE cyclotron into a controllable-ion-energy mode of operation

SOURCE: Pribory i tekhnika eksperimenta, no. 6, 1964, 28-29

TOPIC TAGS: cyclotron, IAE cyclotron

ABSTRACT: The adoption of rapid energy control in the 1.5-meter IAE cyclotron, with preservation of a good (±0.3—0.4%) monoenergetic characteristic and short duration (2—4 nsec) of accelerated-ion clusters, was predicated upon the following changes introduced into the cyclotron: (1) Correction of magnetic field by the currents in additional windings within 5—14 koe; (2) Provision of a dee-type slit ion optical device suitable for the entire range of accelerated ions; (3) Replacing

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L 27307-65

ACCESSION NR: AP5002140

the VCh-200 h-f oscillator by a GU-300 which can be tuned without additional neutralization within 8—13 Mc; (4) Introduction of a remote control of dees position; (5) Correction of optical properties of the system guiding the output beam. As a result of the above measures, the type and energy of particles can be changed in less than an hour's time; particulars are tabulated. Orig. art. has: 1 figure and 2 tables.

ASSOCIATION: Institut atomnoy energii (Institute of Atomic Energy)

SUBMITTED: 20Nov63 ENCL: 00 SUB CODE: NP

NO REF SOV: 005 OTHER: 000

Card 2/2

APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000722310004-2"

"APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000722310004-2

MASALKIN, N.K. (Perm'); KHOROSHAVIN, B.P. (Chelyabinsk); KESSLER, L.V. (Kurgan); ROSHCHEVSKIY, M.P., kand. biolog. nauk, red.; BERDICHEVSKIY, I.M., tekhn. red.

[Farm management system inUral Mountain region] Sistema vedeniia sel'skogo khoziaistva zony Urala. Sverdlovsk, 1960. 678 p. (MIRA 14:10)

1. Sverdlovsk. Ural'skiy nauchno-issledovatel'skiy institut sel'skogo khozyaystva.

(Ural Mountain region--Farm management)

APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000722310004-2"

"APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000722310004-2

15(2)

SOV/131-59-12-5/15

AUTHORS: 1) Bron, V. A., Khoroshavin, L.B., 2) Petrov, G. A. Vydrina, Zh. A., 3) Uzberg, A. I.

TITLE: Use of Metallurgical Ground Magnesite With an Increased Calcium Oxide Content in Open-hearth Furnaces

PERIODICAL: Ogneupory, 1959, Nr 12, pp 553-560 (USSR)

ABSTRACT: At first data and suggestions by Berezhnyy are mentioned and in table 1 the chemical composition of powders used in the USA are indicated. The present paper supplies experimental results of ground magnesite with increased calcium oxide content (of 9.0 to 14.8%). The following researchers participated in the investigation under review: S. N. Galakhmatov, A. S. Pozdnyakov, F. N. Simonenko, T. F. Golikova, E. O. Karnayev, A. V. Chernobrovkin (Ref 1). The chemical composition and graduation of grain sizes of ground magnesite may be seen from table 2, on the strength of which the powders of the first set may be designated coarse-grained (of the type MPK) and the rest fine-grained (of the type MPM). The amount of experimental powder used for lining the furnace bottoms and repairs

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SOV/131-59-12-5/15

Use of Metallurgical Ground Magnesite With an Increased Calcium Oxide Content in Open-hearth Furnaces

of furnaces is given in table 3. Table 4 shows the chemical composition of slags. The petrographic investigation of the slag was carried out by T. F. Raychenko (Ref 2). The specific consumption of experimental powder is given in table 5. Table 6 lists the characteristics of hot repairs of furnace bottoms and table 7 the comparative stability of furnace bottoms with respect to experimental powder and ground magnesite of the type MPE. The chemical composition of furnace bottoms may be seen from table 8. In figures 1 to 4 microstructures of furnace bottoms are shown. In conclusion the authors state that cermets with increased calcium oxide content (up to 9-14%) are not inferior with regard to stability to those of ground magnesite of type MPE and MPK in furnace repair according to test results. Investigation of physical and chemical conditions of forming and wear of open-hearth furnaces showed that a variation of the CaO content within 4-5 up to 12-14% does not exert a considerable influence on these processes. Thus it is possible to use such kinds of powders in open-hearth furnaces. There are 4 figures, 8 tables, and 4 references, 3 of which

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APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000722310004-2"

"APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000722310004-2

KHOROSHAVIN, L.B.; PEREPELITSYN, V.A.; ZHUKOV, A.V.; MOROKOV, P.K.; MAKRUSHIN, V.V.; BARTOLISH, D.M.; BRYUNETKIN, M.G.; VAYNSHTEYN, O.Ya.; GISS, A.N.; SHUL'KIN, M.A.; SHOTIN, V.S.

Use of metallurgical magnesite powder burned at low temperature. Stal' 25 no.12:1086-1088 D '65.

(MIRA 18:12)

APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000722310004-2"

"APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000722310004-2

BRON, V.A.; KHOROSHAVIN, L.B.; ISUPOV, V.F.; KLYUKINA, L.Z.

Lining the forked steel pouring spouts of open-hearth furnaces with refractory concrete. Ogneupory 26 no.6:265-269 '61. (MIRA 14:7)

1. Vostochnyy institut ogneuporov (for Bron, Khoroshavin).
2. Metallurgicheskiy kombinat imeni Serova (for Isupov, Klyukina).

(Open-hearth furnaces—Equipment and supplies)
(Refractory concrete)

APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000722310004-2"

"APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000722310004-2

KHOROSHAVIN, L.B.; SYREYSHCHIKOV, Yu.D.; SKOROKHOD, S.D.

Effect of the composition of the metallurgical powder mix on the stability of sidewalls and hearth bottoms in electric arc furnaces. Ogneupory 29 no.6:276-280 '64. (MIRA 18:1)

1. Vostochnyy institut ogneuporov (for Khoroshavin, Syreyshchikov).
2. Zavod "Elektrostal'" (for Skorokhod).

APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000722310004-2"

"APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000722310004-2

GERMAIDZE, G.Ye.; KORSHUNOV, V.S.; KHOROSHAVIN, L.B.; FREYDENBERG, A.S.; GAMZA, D.N., red.

[Heating up and rapid fritting of open-hearth furnace hearth bottoms] Razogrev i skorostnoe navarivanie poda martenovskikh pechei. [By] G.E.Germaidze i dr. Moskva, Metallurgiia, 1964. 110 p. (MIRA 17:11)

APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000722310004-2"

"APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000722310004-2

BRON, V.A.; Prinimali uchastiye: Khoroshavin, L.B.; MEDYAKOVA, M.V.

Effect of the granular composition of magnesite powders on the properties and service of open-hearth furnace bottoms. Stal.' 22 no.12:1078-1081 D'62. (MIRA 15:12)

1. Vostochnyy institut ogneuporov.
(Open-hearth furnaces—Maintenance and repair)
(Granular materials)

APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000722310004-2"

"APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000722310004-2

STRELOV, K.K.; MAMYKIN, P.S.; Prinimali uchastiye: BAS'YAS, I.P.; BICHURINA, A.A.; BRON, V.A.; VECHER, N.A.; VOROB'YEVA, K.V.; D'YACHKOVA, Z.S.; D'YACHKOV, P.N.; DVORKIND, M.M.; IGNATOVA, T.S.; KAYBICHEVA, M.N.; KELAREV, N.V.; KOSOLAPOV, Ye.F.; MAR'YEVICH, N.I.; MIKHAYLOV, Yu.F.; SEMKINA, N.V.; STARTSEV, D.A.; SYREYSHCHIKOV, Yu.Ye.; TARNOVSKIY, G.I.; FLYAGIN, V.G.; FREYDENBERG, A.S.; KHOROSHAVIN, L.B.; CHUBUKOV, M.F.; SHVARTSMAN, I.Sh.; SHCHETNIKOVA, I.L.

Institutes and enterprises. Ogneupory 27 no.11:499-501 '62. (MIRA 15:11)

1. Vostochnyy institut ogneuporov (for Strelov). 2. Ural'skiy politekhnicheskiy institut im. S.M. Kirova (for Mamykin).
(Refractory materials--Research)

APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000722310004-2"

"APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000722310004-2

KHOROSHAVIN, L.B.; MEDYAKOVA, M.V.

Some characteristics of hearth bottoms in open-hearth furnaces. Ogneupory 28 no.1:23-25 '63. (MIRA 16:1)

1. Vostochnyy institut ogneuporov.
(Open-hearth furnaces—Maintenance and repair)
(Refractory materials)

APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000722310004-2"

"APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000722310004-2

KHOROSHAVIN, Nikolay Georgiyevich (Perm' State Med Inst) for Doc Med Sci on the basis of dissertation defended 28 [redacted] 59 in Council of Central Inst for the Advanced Training of Physicians, entitled "Experi[redacted] in medical trea tment with iodobromine waters." (BMVISSO USSR, 1-61, 21)

APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000722310004-2"

"APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000722310004-2

BUDNIKOV, P.P.; BRON, V.A.; KHOROSHAVIN, L.B.

Dicalcium silicate and its properties. Trudy MKHTI no.36:15-43 '61. (MIRA 15:7)

(Silicates)

APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000722310004-2"

"APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000722310004-2

13617* **Schemes for Drying Excavated Peat in the Peat Industry of the Sverdlovsk Peat Trust.** (Russian.) N. I. Khoroshavin. *Torfianaia Promyshlennost*, v. 29, May 1952, p. 15-16.

Discusses variations of field drying in relation to weather conditions. Data are tabulated.

APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000722310004-2"

"APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000722310004-2

KHOROSHAVIN, N. I.

Excavating Machinery

Questions of operational organization of TEMP-2 excavators. Torf. prom. 29 no. 6, 1952

Monthly List of Russian Accessions, Library of Congress, September 1952. UNCLASSIFIED.

APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000722310004-2"

"APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000722310004-2

KHOROSHAVIN, N. I., Eng.

Peat Industry

Removing shortcomings, start and conduct successfully the peat season of 1953. Torf. prom. 30, No. 3, 1953.

SO: Monthly List of Russian Accessions, Library of Congress, June 1953, Uncl.

APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000722310004-2"

"APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000722310004-2

KHOROSHAVIN, N. I., Eng.

Peat Industry

Working method of progressive operators of electric cutting machines at the peat enterprises of the Sverdlovsk peat trust. Torf. prom. 30, No. 4, 1953.

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

APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000722310004-2"

"APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000722310004-2

KHOROSHAVIN, N.I., inzhener.

On the arched form of a peat brick. Torf.prom.31 no.1:10-11 Ja '54. (MLRA 7:1)

1. Glavtorf.

(Peat)

APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000722310004-2"

"APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000722310004-2

KHOROSHAVIN, N.I., inzhener.

Work practice in winning cut peat with large strings of equipment. Torf.prom. 31 no.3:20-21 '54. (MLRA 7:6)

1. Glavnoye upravleniye torfyanoy promyshlennosti.
(Peat industry)

APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000722310004-2"

"APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000722310004-2

KHOROSHAVIN, N.I., inzhener.

Conducting successfully the drying and digging operations of lump peat. Torf.prom. 31 no.5:1-4 '54. (MLRA 7:8)

1. Glavtorf.
(Peat industry)

APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000722310004-2"

"APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000722310004-2

KHOROSHAVIN, N.I., inzhener; KOTARSKIY, G.F., inzhener.

Raising the production and technical work quality in field garages and the role of garage in lump peat production. Torf. prom. 32 no.2:24-26 '55. (MLRA 8:5)

1. Glavtorf.
(Peat industry) (Garages)

APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000722310004-2"

"APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000722310004-2

LITVYAKOV, Ivan Ignat'yevich; YAKOVLEV, Sergey Malakhiyevich; KHOROSHAVIN, N.I., redaktor; LARIONOV, G.Ye., tekhnicheskiy redaktor.

[Winning cut peat with a string of machines] Dobycha frezernogo torfa ukrupnennymi kolonnami mashin; opyt raboty Orichevskogo torfopredpriiatiia. Moskva, Gos.energ.izd-vo, 1955. 29 p.(MLRA 8:11)
(Peat)

APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000722310004-2"

"APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000722310004-2

KASHCHENKO, Petr Mikhaylovich; KHOROSHAVIN, Nikolay Ivanovich; GINZBURG, L.N., red.; VORONIN, K.P., tekhn. red.

[Winning block peat for fuel with the TEMP excavator] Dobycha kuskovogo torfa na toplivo ekskavatorami TEMP. Moskva, Gos. energ. izd-vo, 1958. 104 p. (MIRA 11:8)

(Peat)

APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000722310004-2"

"APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000722310004-2

KHOROSHAVIN, N.I., inzh.

Using all available means for the reduction of costs in the peat industry. Torf.prom. 37 no.7:14-16 '60. (MIRA 13:11)

1. Vysshiy Sovet Narodnogo Khozyaystva.
(Peat industry--Costs)

APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000722310004-2"

"APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000722310004-2

SIPKO, A.N., inzh.; KHOROSHAVIN, N.I., inzh.

Speeding up the full mechanization of work in the peat industry. Torf. prom. 38 no. 3:17-18 '61. (MIRA 14:4)

1. Gosudarstvennyy nauchno-tekhnicheskiy komitet RSFSR (for Sipko).
2. Vserossiyskiy sovet narodnogo khozyaystva (for Khoroshavin).
(Peat industry)

APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000722310004-2"

"APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000722310004-2

KHOROSHAVIN, N.I.

In the Scientific and Technical Council of the State Committee of the Fuel Industry Attached to the State Planning Commission of the U.S.S.R. Torf. prom. 40 no.2:32-33 '63. (MIRA 16:4)

(Peat machinery)

APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000722310004-2"

"APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000722310004-2

KHOROSHAVIN, S.A., uchitel' fiziki

Automation must find its place in school curricula. Politekh.obuch. no.10:82-83 O '58. (MIRA 11:11)

1. Srednyaya shkola No.23 g. Kirova.
(Automation)

APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000722310004-2"

"APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000722310004-2

KHOROSHAVIN, S.A.

Elements of automatic control in the course of physics. Fiz. v shkole 20 no.2:63-67 Mr-Ap '60. (MIRA 14:5)

1. Pedagogicheskiy institut Kyzyl.
(Automatic control)

APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000722310004-2"

"APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000722310004-2

KHOROSHAVIN, Stanislav Andreyevich; LAPIDUS, T.S., red.; KLEYMAN, I.M., red.; SMIRNOVA, M.I., tekhn. red.

[Elements of automatic control in physics and electrical engineering courses in secondary schools] Elementy avtomatiki v kurse elektrotekhniki i fiziki srednei shkoly; posobie dlia uchitelei elektrotekhniki i fiziki. Moskva, Uchpedgiz, 1963. 169 p. (MIRA 16:12)
(Automatic control)

APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000722310004-2"

"APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000722310004-2

KHOROSHAVIN, S.S., inzh.; YAROSLAVTSEV, V.P., inzh.

Topographic radio X-band altimeter. Trudy TSNIIS no.49:180-192 '63. (MIRA 16:9)

APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000722310004-2"

"APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000722310004-2

L 24212-65 EWT(m)/EPF(c)/EPF(n)-2/EPR Pr-4/Ps-4/Pu-4 DM

ACCESSION NR: AP5001265 S/0089/64/017/006/0439/0448

AUTHOR: Polushkin, K. K.; Yemel'yanov, I. Ya.; Delens, P. A.; Zvonov, N. V.; Aleksenko, Yu. I.; Grozdov, I. I.; Kuznetsov, S. P.; Sirotkin, A. P.; Tokarev, Yu. I.; Lavrovskiy, K. P.; Brodskiy, A. M.; Belov, A. R.; Borisyuk, Ye. V.; Gryazev, V. M.; Tetyukov, V. D.; Popov, D. N.; Koryakin, Yu. I.; Filippov, A. G.; Petrochuk, K. V.; Khoroshavin, V. D.; Savinov, N. P.; Meshcheryakov, M. N.; Pushkarev, V. P.; Suroyegin, V. A.; Gavrilov, P. A.; Podlazov, L. N.; Rogozhkin, I. N.

TITLE: Atomic electric power installation "Arbus" with organic coolant and moderator

SOURCE: Atomnaya energiya, v. 17, no. 6, 1964, 439-448

TOPIC TAGS: small nuclear reactor, organic coolant, organic moderator, reactor economy, nuclear reactor

ABSTRACT: The paper is a summary of the SSSR # 307 report at the Third Inter-

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APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000722310004-2"

"APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000722310004-2

L 24212-65

ACCESSION NR: AP5001265

national Conference on Peaceful Uses of Atomic Energy, 1964. It describes an installation of a reactor in which organic liquid serves as the coolant, and as the moderator. The low-power reactors of about 5 Mw are expected to be economical in the remote regions where the usual energy sources are not available. A regeneration system is described for the coolant which removes the products of radiolysis. Orig. art. has: 7 figures

ASSOCIATION: None

SUBMITTED: 00 ENCL: 00 SUB CODE: NP

NR REF SOV: 000 OTHER: 000

Card 2/2

APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000722310004-2"

"APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000722310004-2

MEN'SHIKOVA, Mariya Andreyevna; KHOROSHAVINA, A.G., red.; VORONTSOVA, Z.Z., tekhn.red.

[Surface ensiling of forage in Udmurtia] Nazemnoe silosovanie kormov v Udmurtii. Izhevsk, Udmurtskoe knizhnoe izd-vo, 1960. 26 p. (MIRA 14:12)
(Udmurt A.S.S.R.--Forage) (Ensilage)

APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000722310004-2"

"APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000722310004-2

BASHMAKOV, Boris Aleksandrovich; KHOROSHAVINA, A.G., red.; VORONTSOVA, Z.Z., tekhn. red.

[Sugar beets for the fields of Udmurtia]Sakharnuiu sveklu - na polia Udmurtii. Izhevsk, Udmurtskoe knizhnoe izd-vo, 1961. 17 p. (MIRA 16:2)

1. Glavnyy agronom sovkhoza Yazhbakhtinskiy Kiyasovskogo rayona (for Bashmakov).

(Udmurt A.S.S.R.—Sugar beets)

APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000722310004-2"

"APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000722310004-2

TURBIN, N.V., BOGDANOVA, YE. N., KHOROSHAVINA, A.I.

Fertilization of Plants

Findings in the study of repeated pollination of fecundated ovicells of the tomatoe. IZ AN SSSR. Ser. biol., No. 2, 1952.

Monthly List of Russian Accessions, Library of Congress, August, 1952, Unclassified.

APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000722310004-2"

"APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000722310004-2

L 61809-65 EWT(d)/EWT(1)/EWP(m)/FS(v)-3/EWG(v)/EWA(d)/T Po-4/Pe-5/Pq-4/Pg-4
ACCESSION NR: AP5015665 IJP(c) GW UR/0293/65/003/003/0374/0379
629.195.1

51
B

AUTHOR: Khoroshavtsev, V. G.

TITLE: Calculation of partial derivatives of motion characteristics with initial conditions

SOURCE: Kosmicheskiye issledovaniya, v. 3, no. 3, 1965, 374-379

TOPIC TAGS: satellite orbit, 12 satellite motion, matrix function, 16 trajectory equation, Taylor series

ABSTRACT: A simplified algorithm was obtained for computing the partial derivatives of the satellite motion parameters and initial conditions. Two Cartesian coordinate systems are introduced, both having their origins at the center of the earth. The first is called the Greenwich system with the Ox axis lying in the Greenwich meridian, and the second is the absolute system OXYZ, which coincides with the Greenwich system at time t_0 and departs from it thereafter. The mass of the satellite is neglected, and it is assumed to be in a Newtonian central force field. The equations of motion for a "particle" satellite then become

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L 61809-65

ACCESSION NR: AP5015665

$$\dot{v}_x = -g_r \frac{x}{r} + g_m \frac{z}{r}\frac{x}{r_1} + 2\Omega v_y, \qquad \dot{x} = v_x,$$

$$\dot{v}_y = -g_r \frac{y}{r} + g_m \frac{z}{r}\frac{y}{r_1} - 2\Omega v_x, \qquad \dot{y} = v_y,$$

$$\dot{v}_z = -g_r \frac{z}{r} - g_m \frac{r_1}{r}, \qquad \dot{z} = v_z,$$

$$g_r = \frac{\mu}{r^2} - \Omega^2 \frac{r_1^2}{r}, \qquad g_m = \Omega^2 \frac{r_1 z}{r},$$

$$r = \sqrt{x^2 + y^2 + z^2}, \qquad r_1 = \sqrt{x^2 + y^2}, \qquad \mu = fM,$$

with general solution

$$q_j = (x, y, z, v_x, v_y, v_z),$$

$$q_i^{(0)} = (x_0, y_0, z_0, v_{x_0}, v_{y_0}, v_{z_0}) \quad (i, j = 1, 2, \ldots, 6)$$

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L 61809-65

ACCESSION NR: AP5015665

where $q_i^{(0)}$ is the initial condition and Ω is the earth's rotation rate. The q_i are then expanded in a Taylor series and terms containing first and second powers of the time t collected. In matrix form these yield the two expressions

$$\left(\frac{\partial x, y, z, v_x, v_y, v_z}{\partial x_0, y_0, z_0, v_{x_0}, v_{y_0}, v_{z_0}}\right) = \begin{Vmatrix} \frac{\partial x}{\partial x_0}, \ldots, \frac{\partial x}{\partial v_{z_0}} \\ \cdots\cdots\cdots \\ \cdots\cdots\cdots \\ \cdots\cdots\cdots \\ \frac{\partial v_z}{\partial x_0}, \ldots, \frac{\partial v_z}{\partial v_{z_0}} \end{Vmatrix} = \begin{Vmatrix} A_1, & A_2 \\ A_3, & A_4 \end{Vmatrix};$$

$$\left[\frac{\partial x(t^2), \ldots, v_z(t^2)}{\partial x_0, \ldots, v_{z_0}}\right] = t^2 \begin{Vmatrix} K_1, & K_2 \\ K_3, & K_4 \end{Vmatrix};$$

where the A's and the K's are 3 by 3 matrices and are functions of the trajectory parameters Ω, r_0, μ, etc. The case is considered where the required point on

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ACCESSION NR: AP5015665

the orbit is far removed from the initial conditions. To determine $\partial q_j / \partial q_i^{(0)}$ the vector $q_j^{(k)}$ is represented as a complex function of initial conditions $q_i^{(0)}$ and a similar matrix expression is obtained both in Greenwich and absolute coordinate systems. Orig. art. has: 17 equations.

ASSOCIATION: none

SUBMITTED: 27Apr64 ENCL: 00 SUB CODE: MA, SV

NO REF SOV: 001 OTHER: 000

jlk

Card 4/4

APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000722310004-2"

"APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000722310004-2

KHOROSHAYA YE. S. PA 1074

USSR/Chemistry - Hydrogen Ion Concentration
Colorimeters Mar/Apr 1947

"New Colorimetric Equipment for Determining pH," Ye. S. Khoroshaya, Lecturer and Candidate in Technical Sciences (Moscow Branch of the TsNIIB)

"Bumazhnaya Promyshlennost'" Vol XXII, No 3

Description of equipment, methods of determining pH. Includes 3 tables and 2 pictures of equipment.

1074

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"APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000722310004-2

1ST AND 2ND ORDERS

3RD AND 4TH ORDERS

PROCESSES AND PROPERTIES INDEX

A new method of determining pH with a pencil colorimeter. [illegible] *Bumash. Prom.* 23, No. 4, 36-8(1947).—A series of 6 indicating pencils and 6 corresponding colorimetric scales are used to det. pH over the range from 1.2 to 12.0; lines are drawn with the pencil on frosted glass, drops of soln. added, and color changes noted. Accurate results were obtained in comparison with a glass electrode. Marshall Sittig

COMMON ELEMENTS

COMMON MATERIALS INDEX

MATERIALS INDEX

ASM-SLA METALLURGICAL LITERATURE CLASSIFICATION

AUTHOR INDEX

1ST AND 2ND LETTER

3RD LETTER

APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000722310004-2"

"APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000722310004-2

CA

23

A rapid method for the determination of the pH of parchment. E. S. Khoroshaya. *Bumash. Prom.* 22, No. 7, 31 (1947).—A new rapid method of detg. the pH of parchment paper is proposed whereby colorimetric pencils are applied to the parchment sample which has been wet with distd. H_2O and placed on a piece of glass. This replaces the old method requiring 1-hr. boiling of a sample in distd. H_2O to remove CO_2, followed by potentiometric titration.

Marshall Sittig

ASM-SLA METALLURGICAL LITERATURE CLASSIFICATION

APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000722310004-2"

"APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000722310004-2

KHOROSHAYA, YE. S.

FDD PA 169T26

USSR/Chemistry - Analysis Sep 50

"Pencil Colorimeter for Determination of pH," Ye. S. Khoroshaya, A. A. Avilov

"Zavod Lab" Vol XVI, No 9, pp 1128-1129

Pencil colorimeter constructed by Ye. S. Khoroshaya comprises 6 pencils and 6 colorimetric scales. It is calibrated for measuring values of pH from 1.2 to 12.6. Determination is based on drop analysis method. May be used for titration of colored and turbid liquids and for determination of acid numbers

USSR/Chemistry - Analysis (Contd) 169T26
Sep 50

and saponification numbers of dark-colored oils and various plasticizers.

169T26

APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000722310004-2"

"APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000722310004-2

C.A.
1951

Plastomass

Rapid colorimetric determination of the pH of carbon black latex mixtures. E. S. Khoroshaya and A. A. Avilov. *Legkaya Prom.* 11, No. 3, 41-2(1951).—A C black latex mixt. 5 is dild. with water 25 cc. and the pH is detd. with a pencil colorimeter (*C.A.* 42, 5747*a*), the pencil and colorimetric scale No. 4 being used. If a crimson coloration is obtained which corresponds to the extreme right value of pH, the detn. is repeated with pencil scale No. 5. The av. deviation from values obtained with a potentiometer and glass electrode is 0.2 pH.

B. Z. Kamich

APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000722310004-2"

"APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000722310004-2

KHOROSHAYA, E.S.

Rubber Abst.
Vol. 32 No. 1
Jan. 1954
Vulcanized Natural Rubber

5

(4)

225. **Rapid method for determination of ash.** E. S. KHOROSHAYA, K. A. AVILOV, P. A. ALEKSEEVA, and T. A. KALASHNIKOVA. *Legkaya Prom.*, 1952, 12, No. 4, 28-9; *Kaut. u. Gummi*, 1953, 6, WT211; *Chem. Abs.*, 1953, 47, 9845. A simplified method of ash determination for, e.g., rubber, is described. It uses crucibles with an enlarged bottom surface of heat resisting stainless steel, for immediate application of a high combustion temperature. The data are: diameter 5 cm., rim height 8 mm., wall thickness 1.0 to 1.5 mm., charge 1.0 to 1.5 g., temperature of the glowing muffle-furnace 750° to 850°, duration of combustion 10 to 15 min., duration of glowing 2 to 3 min., cooling on a metal surface. This method, which is 20 to 25 times as rapid as the old method, is well suited for routine testing. 612

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APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000722310004-2"

"APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000722310004-2

KHOROSHAYA, E. S.

my

Rubber Abst.
Vol. 31
Nov. 1953
Vulcanised
Natural Rubber

4679. Rapid method of free sulphur determination. E. S. KHOROSHAYA and G. I. KOVRIGINA. Legk. Prom., 1952, 12, No. 8, 24-5; Kaut. u. Gummi, 1953, 6, WT166. The basis of this method is the conversion of the free sulphur, by means of sodium sulphite, into sodium thiosulphate, the combination of the surplus sodium sulphite with formaldehyde, and the titration of the mixture, neutralised with acetic or hydrochloric acid, with iodine. The length of the determination is reduced for rubber from 2 hr. to 30 min. 642624

APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000722310004-2"

"APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000722310004-2

KHOROSHAYA, YE.S.

KHOROSHAYA, Ye.S.; KOVRIGINA, Ye.I.; AVILOV, A.A.; MEDVEDEVA, R.

Rapid method of determining the percentage of bitumen, rosin and kaolin in a bitumen-rosin emulsion. Leg.prom. 14 no.3:38-39 Mr'54. (MLRA 7:5)
(Bituminous materials)

APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000722310004-2"

"APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000722310004-2

KHOROSHAYA, E.S.

USSR

Rapid refractometric method of analyzing mixtures of solvents. E. S. Khoroshaya, G. I. Kovrigina, and Z. A. Koroleva. Zavodskaya Lab. 20, No. 9, 32-4(1954).—Details are given on the use of n to det. compn. of mixts. benzene + butylacetate, benzene + butylacetate + ethylacetate, and alc. + water. Data are tabulated on the n for mixts. benzene + acetate (75% ethylacetate + 25% butylacetate). The method is good for alc.-water mixts. with n between 1.333 and 1.354, corresponding to the mixt. contg. up to 38% alc. B. Z. Kamich

APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000722310004-2"

"APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000722310004-2

Khoroshaya, Ye. S.

3

Fast detection of chlorine in different materials. E. S. Khoroshaya and G. I. Kovrigina. *Zavodskaya Lab.* 20, No. 2, 168(1954); *Referat. Zhur., Khim.* 1956, Abstr. No. 27121.—Detection of Cl in resins, films, and *impregnated or coated fabrics* is based on the decompn. of the investigated materials (burned with a match) evolving HCl, which is detected by Congo red paper. N. Vasilev.

1/1

Distr: 4E4j

APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000722310004-2"

"APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000722310004-2

KHOROSHAYA, Yevgeniya Samoylovna; AVILOV, Aleksey Alekseyevich; MINAYEVA, T.M., redaktor; ZAYONCHKOVSKIY, A.D., doktor tekhnicheskikh nauk, retsenzent; KIPNIS, B.Ya., inzhener, retsenzent; NEKRASOVA, O.I., tekhnicheskiy redaktor

[Accelerated methods of chemical analysis in the leather substitute industry; theoretical principles and practical application] Uskorennye metody khimicheskogo analiza v promyshlennosti zamenitelei kozhi; teoreticheskie osnovy i prakticheskoe primenenie. Moskva, Gos.nauchno-tekhn.izd-vo Ministerstva tekstil'noi promysh. SSSR, 1955. 151 p. (MLRA 9:1)

(Chemistry, Analytical) (Leather substitutes)

APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000722310004-2"

"APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000722310004-2

KHOROSHAYA, Ye.S., kandidat tekhnicheskikh nauk, dotsent; LYKOVA, A.N., inzhener.

Rapid chemical analysis of artificial leather for saddle goods and clothing accessories. Leg. prom. 15 no.11:25-28 N '55.(MLRA 9:2)
(Leather, Artificial--Analysis)

APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000722310004-2"

"APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000722310004-2

KHOROSHAYA, Ye.S.; KIRSANOVA, Z.V.

Rapid method for the determination of the quantity of abrasive grains. Zav.lab. 21 no.2:210-211 '55. (MLRA 8:6)

1. Tsentral'nyy nauchno-issledovatel'skiy institut zameniteley kozhi.
(Abrasives)

APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000722310004-2"

"APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000722310004-2

KHOROSHAYA, Ye. S.

5

Rapid colorimetric method of determining water in solvents. E. S. Khoroshaya, A. A. Avilov, G. I. Kovrigina, and Z. A. Koroleva. Zavodskaya Lab. 21, [illegible] (1955). Shake the sample with anhyd. $CuSO_4$ and read the resulting blue color of the hydrate colorimetrically, against a comparison scale.

G. M. Kosolapoff

APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000722310004-2"

"APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000722310004-2

KHOROSHAYA, Ye.S.; KOVRIGINA, G.I.; SMETKIN, Yu.A.; KUZNETSOV, Yu.I.

Rapid electrometric method of determining potassium chloride content in artificial leather. Leg.prom. 16 no.9:30-32 S '56. (MLRA 9:11)
(Leather, Artificial--Testing)
(Potassium chloride)
(Electrochemical analysis)

APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000722310004-2"

"APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000722310004-2

KHOROSHAYA, Ye.S.; KOVRIGINA, G.I.; GORDONOVA, R.D.; PETROVA, A.P.; MITROFANOVA, Ye.N.

Rapid method for determining the percentage ratio of the low polymer fraction in polyvinyl chloride resins. Leg.prom. [16] no.11:39-40 N '56. (MLRA 10:1)
(Resins, Synthetic)

APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000722310004-2"

"APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000722310004-2

KHOROSHAYA, Ye.S.; KOVRIGINA, G.I.; ZAYONCHKOVSKIY, A.D.

Rapid method of determining wool, capron, and viscose and cotton content in mixture yarns. Leg.prom.17 no.9:33-34 S '57. (MIRA 10:12)
(Yarn--Testing) (Textile chemistry)

APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000722310004-2"

"APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000722310004-2

KHOROSHAYA, Ye.S.

KHOROSHAYA, Ye.S.; LYKOVA, A.N.; LIBEROVA, R.A.

Rapid chemical analysis methods of artificial astrakhan made of viscose fiber. Leg. prom. 17 no.10:47-48 O '57. (MIRA 10:12)
(Fur, Artificial--Testing)

APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000722310004-2"

"APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000722310004-2

KHOROSHAYA, Ye.S.; LYKOVA, A.N.

Accelerated method for the analysis of leather boards with polyvinyl acetate pasting. Leg. prom. 18 no.3:36-37 Mr '58. (MIRA 11:4)
(Leather, Artificial--Testing)

APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000722310004-2"

"APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000722310004-2

KHOROSHAYA, Ye.S.; LYKOVA, A.N.; TUGOV, I.I.; IL'IN, S.N.; MINAYEV, A.P.

Express method for determining rubber content of used tire cord fibers. Kozh.-obuv. prom. 2 no. 11:23 N '60. (MIRA 13:12)
(Tire fabrics)

APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000722310004-2"

"APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000722310004-2

KHOROSHAYA, Ye.S., kand.tekhn.nauk; KOVRIGINA, G.I., nauchnyy sotrudnik; KOROLEVA, Z.A., nauchnyy sotrudnik; ABOLTINA, E.M., nauchnyy sotrudnik; YEGOROVA, N.I., nauchnyy sotrudnik

Microchemical method of determining the degree of vulcanization of rainwear fabrics. Nauch.-issl.trudy VNIIPIK no.12:105-107 '60. (MIRA 16:2)

APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000722310004-2"

"APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000722310004-2

KHOROSHAYA, Ye.S., kand.tekhn.nauk; LYKOVA, A.N., nauchnyy sotrudnik; KOVRIGINA, G.I., nauchnyy sotrudnik; GORDONOVA, R.D., nauchnyy sotrudnik; SHUVALOVA, L.S., inzh.; OBUDOVSKAYA, Yu.M., inzh.; SOKOLOVA, Z.V., inzh.; BEZRUKOVA, V.I., inzh.

New drop method of determining the resistance to heat of polyvinyl resins. Nauch.-issl.trudy VNIIPIK no.12:107-109 '60. (MIRA 16:2)

(Leather, Artificial) (Resins, Synthetic—Testing)

APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000722310004-2"

"APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000722310004-2

KHOROSHAYA, Ye.S., kand.tekhn.nauk; LYKOVA, A. N., nauchnyy sotrudnik; SUBBOTINA, P.V., inzh.; KLIMKOVA, A.F., inzh.

Rapid method of determining the salicylanilide content of fabrics. Nauch.-issl.trudy VNIIPIK no.12:110-111 '60. (MIRA 16:2)

(Textile fabrics) (Salicylanilide)

APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000722310004-2"

"APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000722310004-2

KHOROSHAYA, Ye.S., kand.tekhn.nauk; KOVRIGINA, G.I., nauchnyy sotrudnik; LYKOVA, A.N., nauchnyy sotrudnik; DRIDZE, S.M., inzh.

Rapid refractometric method of determining the high-boiling fraction content of nitromastic. Nauch.-issl.trudy VNIIPIK no.12:112-114 '60. (MIRA 16:2)
(Oil cloth) (Hexanoic acid)

APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000722310004-2"

"APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000722310004-2

KHOROSHAYA, Ye.S.; KOVRIGINA, G.I.; GORDONOVA, R.D.; ZAYONCHKOVSKIY, A.D.

Rapid method for controlling the ripening process in a polyvinyl chloride mass. Plast.massy no.5:56-57 '61. (MIRA 14:4)
(Ethylene)

APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000722310004-2"

"APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000722310004-2

KHOROSHAYA, Ye.S.; KOVRIGINA, G.I.; ALEKSEYENKO, V.I.

New rapid method for determining the specific gravity of film materials. Plast.massy no.10:60-62 '61. (MIRA 15:1)
(Films (Chemistry)) (Specific gravity)

APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000722310004-2"

"APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000722310004-2

KHOROSHAYA, Ye.S.; KOVRIGINA, G.I.; NARINSKAYA, A.R.; PISARENKO, A.P.

Rapid sulfite micromethod for determining the degree of latex film vulcanization. Kauch. i rez. 20 no.12:40-42 D '61. (MIRA 15:1)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut plepochnykh materialov i iskusstvennoy kozhi.
(Latex) (Vulcanization)

APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000722310004-2"

"APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000722310004-2

KHOROSHAYA, Ye.S.; LYKOVA, A.N.; PLOTNIKOV, I.V.; SAMYSHKINA, M.A.; PETUKHOV, M.S.

New high-speed method of analyzing metazine characteristics. Tekst.prom. 21 no.3:45-46 Mr '61. (MIRA 14:3)
(Melamine) (Textile finishing)

APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000722310004-2"

"APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000722310004-2

KHOROSHAYA, Ye.S.; LYKOVA, A.N.; SAMYSHKINA, M.A.; PLOTNIKOV, I.V.; ~~AFANAS'YEV,~~ A.V.

Methods of chemical analysis of fabrics with a pile coating applied in an electrostatic field. Tekst.prom. 21 no.9:58-59 S '61. (MIRA 14:10)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut plenok i iskusstvennoy kozhi (for Khoroshaya, Lykova, Samyshkina, Plotnikov). 2. Zamestitel' glavnogo inzh. fabriki "Proletarskiy trud" (for Afanas'yev).

(Textile fabrics—Testing)

APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000722310004-2"

"APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000722310004-2

S/032/61/027/002/012/026
B 134/B206

AUTHORS: Khoroshaya, Ye. S., Kovrigina, G. I., and Avilov, A. A.

TITLE: Use of the refractometric method for the quick determination of latex concentration

PERIODICAL: Zavodskaya laboratoriya, v. 27, no. 2, 1961, 181

TEXT: The dependence of the refractive index on the concentration of the following latex types was studied: ДВХВ-70 (DVKhB-70), nairit L_3, СВХ (SVKh), methyl acrylate latex, and СКС-30 (SKS-30). The studies were made with a universal РЛУ (RLU) refractometer. A linear dependence having been established, the concentration of latex solutions can be well determined refractometrically. The refractometric method was compared with the gravimetric one, and it was established that within 2 min the latex content can be determined refractometrically with an accuracy of ± 1%. The deviations of the determination results between the two methods mentioned lie between + 0.4 and - 0.3%. There are 1 figure and 1 table.

Card 1/2

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"APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000722310004-2

Use of the refractometric ...

S/032/61/027/002/012/026
B 134/B206

ASSOCIATION: Vsesoyuznyy nauchno-issledovatel'skiy institut plenochnykh materialov i iskusstvennoy kozhi (All-Union Scientific Research Institute of Film Materials and Synthetic Leather)

Card 2/2

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"APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000722310004-2

S/081/62/000/002/106/107
B110/B101

AUTHORS: Khoroshaya, Ye. S., Lykova, A. N., Safray, B. A.

TITLE: Method of determining the percent content of pore-forming Porofor-5 substance in raw rubber mixtures

PERIODICAL: Referativnyy zhurnal. Khimiya, no. 2, 1962, 617, abstract 2P376 (Kozhevenno-obuvn. prom-st', no. 3, 1961, 27 - 28)

TEXT: For the quick determination of Porofor-5, the volumes of two strips of a rubber mixture (50 by 10 by 2 mm) of 1 g weight (with an accuracy of up to 0.1 g) are determined in an apparatus of the dilatometer type by the level change of distilled water. One weighed sample is measured without previous treatment, the other one after 2 min heating at 200°C. The calculation formula is $X = [(V_2 - V_1) \cdot 2 - 0.2]/0.24$, where X = percentage of Porofor-5 in the rubber mixture, V_2 = water level in the apparatus with the rubber mixture pieces after heating, V_1 = the same before heating. The accuracy of the method is ± 0.5%. Two determinations take 10 - 15 min. [Abstracter's

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"APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000722310004-2

Method of determining ...

S/081/62/000/002/106/107
B110/B101

note: Complete translation.]

Card 2/2

APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000722310004-2"

"APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000722310004-2

KHOROSHAYA, Ye.S.; KOVRIGINA, G.I.; LIFSHITS, I.D.; ZAYONCHKOVSKIY, A.D.

Photometric rapid method for determining the degree of readiness of poly(vinyl chloride) films in the process of plasticization on rolls. Plast.massy no.5:59-60 '62. (MIRA 15:4)
(Vinyl compound polymers) (Plasticization)

APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000722310004-2"

"APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000722310004-2

KHOROSHAYA, Ye.S.; KOVRIGINA, G.I.; DINZBURG, B.N.; SAFRAY, B.A.

Rapid method for the chemical analysis of butadiene-styrene rubbers reinforced with phenol-anilino-formaldehyde resins. Plast.massy no.2:67-68 '62. (MIRA 15:2)
(Rubber, Synthetic) (Resins, Synthetic)

APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000722310004-2"

"APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000722310004-2

KHOROSHAYA, Ye.S.; KOVRIGINA, G.I.; ALEKSEYENKO, V.I.

Rapid method for determining the specific gravity of film materials.
Zav.lab. 28 no.2:205 '62. (MIRA 15:3)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut plenochnykh materialov i iskusstvennoy khozhi.
(Films (Chemistry)) (Specific gravity)

APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000722310004-2"

"APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000722310004-2

KHOROSHAYA, Ye.S.; KOVRIGINA, G.I.; KOSTRYUKOVA, L.I.; MUSATOVA, M.D.; KOPYL, A.N.; Prinimala uchastiye: KRASNER, Ye.Ya.

Rapid method for determining rubber content of shoe cardboard made from leather fibers bonded with latex. Kozh.-obuv. prom. 5 no.6:31-32 Je '63. (MIRA 16:6)

(Rubber, Artificial—Analysis)

APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000722310004-2"

"APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000722310004-2

KHOROSHAYA, Ye.S.; KOROL'KOVA, K.D.; KUZNETSOV, Yu.I.; ROYTMAN, Ye.A.

Infrared moisture meter. Zav.lab. 29 no.2:239 '63. (MIRA 16:5)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut plenochnykh materialov i iskusstvennoy kozhi.
(Moisture--Measurement)

APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000722310004-2"

"APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000722310004-2

L 11416-63 EPR/EWP(j)/EPF(c)/EWT(m)/BDS AFFTC/ASD Ps-4/Pc-4/Pr-4 RM/WW
S/032/63/029/005/008/022 73

AUTHOR: Khoroshaya, Ye.S., Lykova, A.N., Liberova, R.A. and Polinskiy, S.L.

TITLE: Quick analysis of free hydroxyl groups in polyesters

PERIODICAL: Zavodskaya laboratoriya, v. 29, no. 5, 1963, 549

TEXT: The proposed quick method is applicable to solutions of polyesters based on dicarboxylic acids and glycols, used to make polyurethane foams, glues and varnishes. The method consists of acetylation of the polyester and titration of the excess acetic anhydride.

ASSOCIATION: Vsesoyuznyy nauchno-issledovatel'skiy institut plenochnykh materialov i iskusstvennoy kozhi (All-Union Scientific Research Institute of Film Materials and Artificial Leather)

ja/ch
Card 1/1

APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000722310004-2"

"APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000722310004-2

KHOROSHAYA, Ye.S.; KIRSANOVA, Z.V.; RAZUVAYEVA, Ye.S.; YELISEYEVA, L.I.

Rapid method for determining the degree of adhesion of polyamide coatings. Kozh.-obuv.prom. 6 no.1:34 Ja '64. (MIRA 17:4)

APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000722310004-2"

"APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000722310004-2

KEOROSHAYA, Ye.S.; KOROL'KOVA, K.D.; PAVLOVA, Z.S.; SUBBOTINA, P.V.

Determining the migratory stability of organic pigments and lacquer in polyvinyl chloride films. Kozh.-obuv. prom. 6 no.4:32-33 Ap'64. (MIRA 17:5)

APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000722310004-2"

"APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000722310004-2

KHOROSHAYA, Ye.S.; KOROL'KOVA, K.D.; GEORGIYEVA, V.S.; PISARENKO, A.P.

Express method for determining the degree of acetalation of rubber polyvinyl formal films. Kozh.-obuv. prom. 6 no.9: 19-20 S '64. (MIRA 17:12)

APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000722310004-2"

"APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000722310004-2

KHOROSHAYA, Ye.S.; KOVRIGINA, G.I.; YELISEYEVA, L.I.

Rapid method for determining chlorine in polyvinyl chloride. Zav.lab. 30 no.12:1450 '64. (MIRA 18:1)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut plenochnykh materialov i iskusstvennoy kozhi.

APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000722310004-2"

"APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000722310004-2

KHOROSHAYA, Ye.S., kand. khim. nauk; KOVRIGINA, G.I., mladshiy nauchnyy sotrudnik; KOSTRIKOVA, L.I., kand. tekhn. nauk; MUSATOVA, M.D., starshiy nauchnyy sotrudnik; KOPYL, A.N., starshiy nauchnyy sotrudnik.

Rapid method for determining rubber content of the leather mass prior to its feeding to the long-shot screening machine. Nauch.-issl. trudy VNIIPIK no.14:164-167 '63. (MIRA 18:12)

APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000722310004-2"

"APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000722310004-2

KHOROSHAYA, Ye.S., kand. khim. nauk; KOROL'KOVA, K.D., mladshiy nauchnyy sotrudnik; ABRAMOVA, V.V., starshiy nauchnyy sotrudnik; FREYDGEMY, K.I., mladshiy nauchnyy sotrudnik

Rapid titration and refractometric method for determining moisture content of NH_4HCO_3. Nauch.-issl. trudy VNIIPIK no.14:167-170 '63. (MIRA 18:12)

APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000722310004-2"

"APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000722310004-2

KHOROSHAYA, Ye.S., kand. khim. nauk; KOROL'KOVA, K.D., mladshiy nauchnyy sotrudnik; AL'TZITSER, V.S., mladshiy nauchnyy sotrudnik; Prinimali uchastiye: YELISEYEVA, L.I.; ANYUTINA, N.S.; TUGOV, I.I.; SHAKHNINA, L.V.

Rapid method for analyzing swollen rubber chips obtained in the complex processing of worn-out tire treads. Nauch.-issl. trudy VNIIPIK no.14:170-177 '63. (MIRA 18:12)

APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000722310004-2"

"APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000722310004-2

PROSHKIN, Ye.G.; KHOROSHAYLO, Ye.S.; GRISHA, G.V.; ZAMKOV, D.K.

Study of ultrashort radio wave propagation under conditions of a coke plant. Koks i khim. no. 5:29-31 '61. (MIRA 14:4)

1. Khar'kovskiy politekhnicheskiy institut.
(Coke industry—Equipment and supplies) (Remote control)
(Radio waves)

APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000722310004-2"

"APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000722310004-2

L 11229-63 EWT(d)/BDS/EEC-2--AFFTC/ASD

ACCESSION NR: AP3000340 S/0142/63/006/002/0207/0209

AUTHOR: Proshkin, Ye. G.; Khoroshaylo, Ye. S.; Zelinskiy, A. V.

55
54

TITLE: Radio control system

SOURCE: Izv. VUZ: Radiotekhnika, v. 6, no.2, 1963, 207-209

TOPIC TAGS: radio control, control system, transmitter, receiver

ABSTRACT: Radio control equipment which can be used for sending commands either to stationary or mobile industrial installations as well as for receiving information on the execution of those commands has been developed. Frequency division of the command channels is obtained by means of high-Q laminated electromechanical filters. High reliability of the system is achieved by the transmission of two combined modulating frequencies, one of which is used for amplitude modulation of the carrier, and the other for frequency modulation of the subcarrier. In turn, this subcarrier modulates the amplitude of the carrier. The utilization of a two-frequency code makes it possible to transmit n^2 commands in the presence of n modulating frequencies. Quartz crystals are used for frequency control in both the transmitter and superheterodyne receiver. Carrier

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"APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000722310004-2

L 11229-63

ACCESSION NR: AP3000340

frequencies of direct and return channels differ by 400 kc. The number of commands is 16; operating frequency is 98 Mc; subcarrier frequency is 10 kc with a deviation of ± 12 kc; and the modulating frequencies are 73, 93, 113, and 133 cps. Transmitter power is 1 w and receiver sensitivity is 50 microvolts. V-type half-wave dipoles are used as both transmitting and receiving antennas. Orig. art. has: 2 figures.

ASSOCIATION: Kafedra konstruirovaniya i tekhnologii proizvodstva radioapparatury* Khar'kovskogo politekhnicheskogo instituta im. V. I. Lenina. (Department of Design and Production of Radio Instruments, Khar'kov Polytechnic Institute)

SUBMITTED: 04May62 DATE ACQ: 13Jun63 ENCL: 00

SUB CODE: CG NO REF SOV: 002 OTHER: 000

ch/cow

Card 2/2

APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000722310004-2"

"APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000722310004-2

KHOROSHAYLOV, N.G.

KHOROSHAYLOV, N.G., doktor sel'skokhozyaystvennykh nauk.

Change over to certified grass seeds. Nauka i perod.op. v sel'khoz. 7 no.8:11 '57. (MLRA 10:9)

(Grasses)

APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000722310004-2"

"APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000722310004-2

KHOROSHAYLOV, N.G.

New data on variability of characteristics in clover. Dokl. AN Tadzh. SSR 1 no.2:45-49 '58. (MIRA 12:1)

1. Vsesoyuznyy institut rasteniyevodstva.
(Clover)

APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000722310004-2"

"APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000722310004-2

KHOROSHAYLOV, N.G.

Some results achieved in introducing wild forage plants in the U.S.S.R. Trudy Bot.inst.Ser.6 no.7:183-191 '59.
(MIRA 13:4)

1. Vsesoyuznyy institut rasteniyevodstva (VIR), Leningrad.
(Forage plants)

APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000722310004-2"

"APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000722310004-2

KHOROSHAYLOV, V. S.

VOLOGDIN, Vladislav Valentinovich; FOGEL', A.A., kandidat tekhnicheskikh nauk, redaktor; SPITSYN, M.A., kandidat tekhnicheskikh nauk, redaktor; SLUKHOTSKIY, A.Ye., kandidat tekhnicheskikh nauk, redaktor; GLUKHANOV, N.P., kandidat tekhnicheskikh nauk, redaktor; BAMUNER, A.V. inzhener, redaktor; SIMONOVSKIY, N.Z., redaktor izdatel'stva; KHOROSHAYLOV, V.S., kandidat tekhnicheskikh nauk, retsenzent; SYCHEVA, O.V. tekhnicheskiy redaktor.

[Induction soldering] Paika pri indutsionnom nagreve. Izd.2-oe, ispr. i dop. Pod.red.A.A.Fogelia. Moskva, Ges.nauchno-tekhn.izd-vo mashinostroit.lit-ry, 1957. 66 p. (MLRA 10:6)
(Induction heating)(Solder and soldering)

APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000722310004-2"

"APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000722310004-2

KHOROSHAYLOV, V.G.

SUBJECT: USSR/Welding 135-1-4/14

AUTHORS: Timofeyev, Ya.S., Eng.; Somkin L.N., Eng.; Khoroshaylov, V.G., Candidate of Technical Sciences.

TITLE: Welding assemblies and parts of aluminum alloy AV. (Svarka uzlov i detaley iz aluminiyevogo splava marki AB)/

PERIODICAL: "Svarochnoye Proizvodstvo", 1957, # 1, pp 13-15 (USSR)

ABSTRACT: The aluminum alloy АМЦ (AMTs) having proved to be of no sufficient strength for long service, the authors' plant tried the aluminum alloy AB (ГОСТ 4784), composed of 0.2-0.6 % Cu, 0.45-0.09 % Mg, 0.15-0.35 % Mn, 0.5-1.2 % Si, remainder Al; after hardening and aging its mechanical properties are: σ_B =32 kos/mm^2; δ =8%.

After trying the alloys AK, AB, B61, and B61K, it was found that the most advantageous welding rod material for both oxy-acetylene welding and argon - arc welding is the alloy AB in form of strips. Preliminary anealing is necessary. Welding with alloy AB in argon gives safe butt joints between tubes and flanges, provided the parts are forged and the distance

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"APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000722310004-2

TITLE: Welding assemblies and parts of aluminum alloy AV. (Svarka uzlov i detaley iz aluminiyevogo splava marki AB)/ 135-1-4/14

between the flange edge and the butt joint is not less than 25 mm. Oxyacetylene welding of same joints with the alloys AB and AK gives no satisfactory result.

INSTITUTION:

PRESENTED BY:

SUBMITTED:

AVAILABLE: At the Library of Congress

Card 2/2

APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000722310004-2"

"APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000722310004-2

VYAZNIKOV, N.F., kand.tekhn.nauk; KHOROSHAYLOV, V.G., kand.tekhn.nauk, POPANDOPULO, A.N., inzh.

Heating steel billets in salt baths for stamping. Vest.mash. 40 no.2:71-72 F '60. (MIRA 13:5)
(Machine-shop practice)

APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000722310004-2"

"APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000722310004-2

S/563/62/000/218/004/004
E071/E135

AUTHOR: Khoroshayloy, V.G.

TITLE: An investigation of steel of the type 21-11-2.5

SOURCE: Leningrad. Politekhnicheskiy institut. Trudy. no.218. Moscow, 1962. Metallovedeniye. 92-97

TEXT: Most ring shaped gas turbine parts used to be made from the steel 22-11-3β (22-11-3V). These were found to suffer changes in the microstructure leading to a loss of plasticity. On the basis of an experimental work during 1949-1956, the nickel content was increased, the chromium and tungsten contents lowered and this steel was called 21-11-2.5 (AMTU 433-58: C 0.1-0.25; Cr 20.0-23.0; Ni 10.5-12.5; W 2.4-3.0; Si 0.6-1.5; Mn 0.6-1.2; Mo 0.25; V 0.2; S 0.04% P 0.045%). In the majority of industrial heats this steel had no tendency to form the sigma phase during prolonged retention; thereby the charges for the heats were prepared so that nickel and carbon corresponded to the top limit of the specification, chromium and tungsten to the lower limit. However, there were cases when the sigma phase

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