"APPROVED FOR RELEASE: 06/09/2000 CIA-RDP86-00513R000206230001-7

BONDAREVSKIY, A.S.

Design of a transistor-magnetic core trigger. Trudy MEI no.50:43-74 '63. (MIRA 17:12)

APPROVED FOR RELEASE: 06/09/2000 CIA-RDP86-00513R000206230001-7"

"APPROVED FOR RELEASE: 06/09/2000 CIA-RDP86-00513R000206230001-7

BONDAREVSKIY, D. I.

Economy of Electric Power in Municipal Electric Transport (Ekonomiya elektricheskoy energii na gorodskom elektricheskom transporte), Moscow-Leningrad. Izd [sic], Ministry of Communal Economy of RSFSR, 1950, 42 pp with diagrams.

APPROVED FOR RELEASE: 06/09/2000 CIA-RDP86-00513R000206230001-7"

"APPROVED FOR RELEASE: 06/09/2000 CIA-RDP86-00513R000206230001-7

CHERTOK, M.S., inzhener; BONDAREVSKIY, D.I., redaktor; PETROVSKAYA, Ye., redaktor.

[Streetcars (KTM-1, KTP-1 and MTV-82)] Tramvainye vagony (KTM-1, KTP-1 i MTV-82). Moskva, Izd-vo Ministerstva kommunal'nogo khoziaistva RSFSR, 1953. 279 p. (MLRA 7:6)
(Electric railroads--Cars)

APPROVED FOR RELEASE: 06/09/2000 CIA-RDP86-00513R000206230001-7"

"APPROVED FOR RELEASE: 06/09/2000 CIA-RDP86-00513R000206230001-7

2294 Bondarevskiy, D.I.

Ekspluatatsiya I Remont Podvizhnogo Sostava Gorodskogo Elektro Transporta. M., Izd-Vo M-Va Kommun. Khozyaystva RSFSR, 1954. 380s. s Ill.; 1 L. Plan. 22sm. (Vsesoyuz. Nauch. Inzh.-Tekhn. O-Vo Gor. Elektrotransporta). 1.2000 EKZ. Bespl. - Bibliogr:s. 374-75 (20Nazv)- (54-5656)p

656.4 + (016.3)

APPROVED FOR RELEASE: 06/09/2000 CIA-RDP86-00513R000206230001-7"

"APPROVED FOR RELEASE: 06/09/2000 CIA-RDP86-00513R000206230001-7

BONDAREVSKIY, D. I., (Docent)

Dissertation: "An Investigation of the Resistance to Wear of the Tires of Streetcars and the Increase of Their Service Time." Cand Tech Sci, Moscow Automobile Highway Inst imeni V. M. Molotov, 3 Jul 54. (Vechernyaya Moskva, Moscow, 24 Jun 54)

SO: SUM 318, 23 Dec 1954

APPROVED FOR RELEASE: 06/09/2000 CIA-RDP86-00513R000206230001-7"

"APPROVED FOR RELEASE: 06/09/2000 CIA-RDP86-00513R000206230001-7

BONDAREVSKIY, D.

GALONEN,Yu., kandidat tekhnicheskikh nauk; BLATNOV,M., kandidat tekhnicheskikh nauk; BONDAREVSKIY,D., kandidat tekhnicheskikh nauk; TOMLYANOVICH,D., kandidat tekhnicheskikh nauk

New textbook for streetcar operators ("Operating a streetcar." G.M.Knerel'. Reviewed by IU.Galonen and others). Zhil.-kom.khoz.5 no.4:30'55. (Street railways) (MLRA 8:9)

APPROVED FOR RELEASE: 06/09/2000 CIA-RDP86-00513R000206230001-7"

"APPROVED FOR RELEASE: 06/09/2000 CIA-RDP86-00513R000206230001-7

SAMOYLOV, B.A.; TIRBAKH, O.G.; KHAVIN, M.N.; SHKRUM, N.V.; BONDAREVSKIY, D.I., redaktor; RACHEVSKAYA, M.I., redaktor izdatel'stva; PETROVSKAYA, Ye.S., tekhnicheskiy redaktor.

[Operation and repair of MTV-82 streetcars] Opyt ekspluatatsii i metody remonta tramvainykh vagonov MTV-82. Moskva, Izd-vo M-va kommun.khoz. RSFSR, 1957. 78 p. (MLRA 10:7)
(Streetcars--Maintenance and repair)

APPROVED FOR RELEASE: 06/09/2000 CIA-RDP86-00513R000206230001-7"

"APPROVED FOR RELEASE: 06/09/2000 CIA-RDP86-00513R000206230001-7

SOV/161-58-3-26/27

8(2)
AUTHORS: Bondarevskiy, D. I., Candidate of Technical Sciences, Docent (Moscow), Kobozev, V. M.

TITLE: An Investigation of the Efficiency of the Impregnation of Tramway Traction-motors at Conditions Prevailing in the Car Shed (Issledovaniye effektivnosti propitki obmotok tramvaynykh tyagovykh dvigateley v usloviyakh depo)

PERIODICAL: Nauchnyye doklady vysshey shkoly. Elektromekhanika i avtomatika, 1958, Nr 3, pp 232 - 238 (USSR)

ABSTRACT: In the car shed imeni Shchepetil'nikov TTUM the capacity of the insulation of the armature and that of the field coils of the motors were checked. For these measurements a hygrometer such as described in the paper (Ref 1) was used. When carrying out the experimental part of the work, the definitions suggested by TsNII MPS were taken into account. Basic circuit diagrams of the measuring arrangement are given for the purpose of determining the moisture content and of the capacity of the coil windings (Figs 1,2,3). The measuring results obtained by investigations carried out of five groups of motors of the same type are first shown in a table (Table 1), as well as by two diagrams (Figs 4,5).

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In the case of the armature and the field coils the average value of insulation capacity decreases with an increase of the number of kilometers covered, while straggling from these values increases. Straggling within the range of 160000 km is so great that individual measuring results exceed the average value at 40000 km. Also measuring results are mentioned which were obtained by investigations carried out at 2 cycles and 50 cycles. It was found that measuring values obtained at 2 cycles decrease more slowly than those obtained at 50 cycles (Figs 6,7). In conclusion, a table (Table 2) of the insulation values of motors of group 5 (160000 km) is given. On the average, the armatures have 1.08 megohm and the field coils 0.66. There are 7 figures, 2 tables and 3 Soviet references.

This article was recommended for publication by the Kafedra elektricheskogo transporta Moskovskogo energeticheskogo instituta (Chair for Electrical Transports at the Moscow Institute of Power Engineering)

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An Investigation of the Efficiency of the Impregnation of Tramway Traction-motors at Conditions Prevailing in the Car Shed SOV/161-58-3-26/27

ASSOCIATION: Kafedra elektricheskogo transporta Moskovskogo energeticheskogo instituta (Chair for Electrical Transports at the Moscow Institute of Power Engineering) (Bondarevskiy D. I.).

SUBMITTED: May 9, 1958

Card 3/3

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"APPROVED FOR RELEASE: 06/09/2000 CIA-RDP86-00513R000206230001-7

BONDAREVSKIY, Dmitriy Ivanovich, dotsent, kand.tekhn.nauk; YERMAKOV, Nikolay Dmitriyevich, inzh.; LIBERMAN, Grigoriy Ruvimovich, inzh.; OVECHNIKOV, Yevgeniy Vasil'yevich, kand.tekhn.nauk; CHERTOK, Mark Semenovich, inzh.; SURGUCHEV, V.D., dotsent, retsenzent [deceased]; VOLOCHNEV, V.N., otv.red.; GALONEN, Yu.M., kand.tekhn.nauk, red.; TROFIMOV, A.N., red.; SHPOLYANSKIY, M.N., red.; NIKOLAYEVA, T.A., red.; LELYUKHIN, A.A., tekhn.red.

[Engineering handbook on city electric railroad transportation in three volumes] Tekhnicheskii spravochnik po gorodskomu elektrotransportu v trekh tomakh. Moskva, Izd-vo M-va kommun.khoz. RSFSR. Vol.2. [Streetcar transportation] Tramvai. Otv.red.V.N.Volochnev. 1960. 565 p. (MIRA 13:7)

(Street railways)

APPROVED FOR RELEASE: 06/09/2000 CIA-RDP86-00513R000206230001-7"

"APPROVED FOR RELEASE: 06/09/2000 CIA-RDP86-00513R000206230001-7

BONDAREVSKIY, Dmitriy Ivanovich; VASIL'YEV, Grigoriy Ivanovich; ZHITS, Meyer Zalmanovich; SOKOLOV, L.S., red.; AKATOVA, V.G., red.izd-va; LEL'YUKHIN, A.A., tekhn.red.

[Rolling stock of streetcars and subways] Podvizhnoi sostav tramvaia i metropolitena. Moskva, Izd-vo M-va kommun.khoz.RSFSR, 1960. 371 p. (MIRA 13:12)
(Streetcars) (Subways)

APPROVED FOR RELEASE: 06/09/2000 CIA-RDP86-00513R000206230001-7"

"APPROVED FOR RELEASE: 06/09/2000 CIA-RDP86-00513R000206230001-7

SURGUCHEV, Vladimir Dmitriyevich [deceased]; BONDAREVSKIY, D.I., retsenzent; CHERTOK, M.S., red.; OTOCHEVA, M.A., red.izd-va; NAZAROVA, A.S., tekhn.red.

[Operation, maintenance and repair of the rolling stock of street railways] Ekspluatatsiia i remont podvizhnogo sostava tramvaia. Moskva, Izd-vo M-va kommun.khoz.RSFSR, 1960. 407 p. (MIRA 13:12)

(Streetcars)

APPROVED FOR RELEASE: 06/09/2000 CIA-RDP86-00513R000206230001-7"

"APPROVED FOR RELEASE: 06/09/2000 CIA-RDP86-00513R000206230001-7

BONDAREVSKIY, Dmitriy Ivanovich; CHERTOK, M.S., red.; NIKOLAYEVA, T.A., red. izd-va; KHENOKH, F.M., tekhn. red.

[Operation and repair of streetcars and trolley buses in the depot]Ekspluatatsiia i remont tramvainykh vagonov i trolleibusov v depo. Moskva, Izd-vo M-va kommun.khoz.RSFSR, 1962. 180 p. (MIRA 16:2)

(Streetcars--Maintenance and repair)
(Trolley buses--Maintenance and repair)

APPROVED FOR RELEASE: 06/09/2000 CIA-RDP86-00513R000206230001-7"

"APPROVED FOR RELEASE: 06/09/2000 CIA-RDP86-00513R000206230001-7

KOBOZEV, V.M.; BONDAREVSKIY, D.I., red.

[Principles of the manufacture of electric rolling stock; manual for students of a cours in "Manufacture and repair of electric rolling stock"] Osnovy tekhnologii proizvodstva elektricheskogo podvizhnogo sostava; uchebnoe posobie dlia studentov po kursu "Proizvodstvo i remont elektricheskogo podvizhnogo sostava. Moskva, Mosk. energ. in-t. No.2. 1963. 193 p. (MIRA 18:2)

APPROVED FOR RELEASE: 06/09/2000 CIA-RDP86-00513R000206230001-7"

"APPROVED FOR RELEASE: 06/09/2000 CIA-RDP86-00513R000206230001-7

BONDAREVSKIY, Dmitriy Ivanovich; TREGUBENKO, Mikhail Grigor'yevich; CHERTOK, Mark Semenovich; DUBROVIN, G.A., red.

[Textbook for studying the regulations of the technical operation of tramways] Posobie dlia izucheniia pravil tekhnicheskoi ekspluatatsii tramvaev. Moskva, Izd-vo M-va kommun. khoz. RSFSR, 1963. 302 p. (MIRA 17:8)

APPROVED FOR RELEASE: 06/09/2000 CIA-RDP86-00513R000206230001-7"

"APPROVED FOR RELEASE: 06/09/2000 CIA-RDP86-00513R000206230001-7

KOBOZEV, Vadim Mikhaylovich, dots.; BONDAREVSKIY, D.N., dots., red.

[General problems of the manufacture and repair of electric rolling stock; manual for students in the course on "Manufacture and repair of electric rolling stock."] Obshchie voprosy proizvodstva i remonta elektricheskogo podvizhnogo sostava; uchebnoe posobie dlia studentov po kursu "Proizvodstvo i remont elektricheskogo podvizhnogo sostava." Moskva, MEI. No.1. 1962. 173 p. (MIRA 17:6)

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"APPROVED FOR RELEASE: 06/09/2000 CIA-RDP86-00513R000206230001-7

BONDARENSKIY, G.D.

SOV/5055

PHASE I BOOK EXPLOITATION

Vsesoyuznaya konferentsiya po treniyu i iznosu v mashinakh. 3d, 1958.

Gidrodinamicheskaya teoriya smazki. Opory skol'zheniya. Smazka i smazochnyye materialy (Hydrodynamic Theory of Lubrication. Sliding Bearings. Lubrication and Lubricant Materials) Moscow, Slip Bearings. 422 p. Errata slip inserted. 3,300 copies Izd-vo AN SSSR. printed. (Series: Its: Trudy, v. 3)

Sponsoring Agency: Akademiya nauk SSSR. Institut mashinovedeniya. Resp. Eds. for the Section "Hydrodynamic Theory of Lubrication and Slip Bearings": Ye. M. Gutman, Professor, Doctor of Technical Sciences, and A. A. Dyachkov, Professor, Doctor of Technical Sciences; Resp. Ed. for the Section "Lubrication and Lubricant Materials": G. V. Vinogradov, Professor, Doctor of Chemical Sciences; Ed. of Publishing House: M. Ya. Klebanov; Tech. Ed.: O. M. Gus'kova.

PURPOSE: This collection of articles is intended for practicing engineers and research scientists.

COVERAGE: The collection, published by the Institut mashinovedeniya AN SSSR (Institute of Science of Machines, Academy of Sciences USSR) contains papers presented at the III Vsesoyuznaya konferentsiya po treniyu i iznosu v mashinakh (Third All-Union Conference on Friction and Wear in Machines) which was held April 9-15, 1958. Problems discussed were in [illegible] Hydrodynamic Theory (Cont.) SOV/5055

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"APPROVED FOR RELEASE: 06/09/2000 CIA-RDP86-00513R000206230001-7

ZHUZE, T.P., doktor khim.nauk; YUSHKEVICH, G.N., kand.khim.nauk; GEKKER, I.Ye. inzh.; VAYNSHTOK, V.V., inzh.; BONDAREVSKIY, G.D., inzh.

Complex processing of wool fat. Masl.-zhir.prom. 25 no.11:25-27 '59. (MIRA 13:3)

1. Institut geologii i razrabotki goryuchikh iskopayemykh AN SSSR (for Zhuze, Yushkevich). 2. Institut biokhimii AN SSSR (for Gekker). 3. MINKh i GP (for Vaynshtok, Bondarevskiy).
(Wool fat) (Lanolin)

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29446
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B117/B138

AUTHORS: Velikovskiy, D. S., Kazhdan, P. I., Bondarevskiy, G. D.

TITLE: Viscosity properties of mixtures of oils of different chemical nature and of lubricating greases produced by thickening them

PERIODICAL: Referativnyy zhurnal. Khimiya, no. 17, 1961, 472, abstract 17M222 (Tr. 3-y Vses. konferentsii po treniyu i iznosu v mashinakh. M., AN SSSR, v. 3, 1960, 248 - 255)

TEXT: The authors found that it was not possible to calculate the viscosity (v) of mixtures of oils of different nature (naphtha, silicone, ester) from an equation which is well suited for oils of equal chemical composition: $\log \log(v + 0.8) = a \log \log(v_1 + 0.8) + b \log \log(v_2 + 0.8)$. Here, v, v_1, and v_2 = kinematic viscosities of the mixture and of the two components, a and b = weight concentrations of the components. The viscosity of mixtures of oils of different chemical nature always comes lower than when calculated by the equation. Deviations decrease in the

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Viscosity properties of mixtures of...

order of mixtures: polysiloxanes with naphtha oils, polysiloxanes with diesters, and naphtha oils with diesters. For polysiloxanes with naphtha oils or diesters, the maximum deviation (decrease) from the calculated v-value occurs when there is 50 - 60% polysiloxane content in the mixture. In several cases, v of the mixtures is lower than that of the less viscous component. Thus, v of a mixture with 80% polysiloxane oil 4 (108 cst) and 20% diester (3190 cst) was 760 cst at -50°C. At low temperatures, v of the mixture is reduced considerably, which improves the viscosity and temperature characteristics. The effective viscosity (η_{eff}) of plastic lubricants (measured on a ПВР-1 (PVR-1) rotation viscosimeter), produced by thickening of naphtha- and silicone oils with lithium stearate and their mixtures, is proportional to the viscosity of their dispersion media. As a result, η_{eff} of lubricants produced from equally viscous naphtha- and silicone oil mixtures proves to be lower than the viscosity of lubricants made of the initial oils. Decrease in the viscosity of the oils causes a decrease in relative viscosity η_{eff}/v and an increase in the η_{eff} ratio measured with different gradients* of the shear rate of

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B117/B138

Viscosity properties of mixtures of...

Li lubricants. In lubricants thickened with ceresin instead of lithium stearate, the change in η_{eff} and v is not quite the same. With different gradients of the shear rate, maximum η_{eff}, η_{eff}/v, and minimum η_{eff} ratios correspond to lubricants made with pure silicon oil. The increased gelling capacity of ceresin may be explained by the fact that it has a lower solubility in polysiloxane than the mineral oils. [Abstracter's note: Complete translation.]

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32339
S/081/61/000/024/075/086
B151/B101

11.9400 also 1563

AUTHORS: Bondarevskiy, G. D., Semeko, N. S., Kraskovskaya, M. I.

TITLE: Thickening properties of soaps and hard hydrocarbons in "naphthenic" oils

PERIODICAL: Referativnyy zhurnal. Khimiya. no. 24, 1961, 472, abstract 24M99 (Tr. Mosk. in-t neftekhim. i gaz. prom-sti, no. 32, 1960, 5 - 10)

TEXT: For studying the effect of temperature and viscosity of the dispersed medium (DM) on the thickening properties of soaps and hard hydrocarbons, excluding at the same time the effect of the chemical nature of the DM, two series of soft greases were prepared, thickened with Li stearate and ceresine, and using four naphtheno-paraffinic oils with viscosities at 50°C of 82.75; 50.15; 18.70; and 11.07 cst. It has been found that the limits of solidity of the greases, for a displacement (F) at 5.5 and 50°C decreases with increasing viscosity (ν) of their

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Thickening properties of ...

DM. At the same time F decreases with increasing temperature (for constant ν of the DM of the greases). As the ν of the DM falls with temperature, the temperature dependence of F of the greases becomes less. The dynamic thickening effect, indicated by the difference between the effective viscosity of the greases and ν of their DM, falls both with increasing temperature and with decreasing ν of the DM. When there is a change in the chemical constitution of the DM, the dependence of F and the effective viscosity of the greases on the ν of the DM and on temperature becomes more complicated and may take on an extreme character.
[Abstracter's note: Complete translation.]

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31565
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B101/B147

15-6600
11.9700

AUTHORS: Vaynshtok, V. V., Bondarevskiy, G. D., Gekker, I. S., Kraskovskaya, M. I., Kartinin, B. N.

TITLE: Multifunctional additives to lubricants based on natural and synthetic ether acids

PERIODICAL: Referativnyy zhurnal. Khimiya, no. 22, 1961, 396 - 397, abstract 22M121 (Tr. Mosk. in-t. neftekhim. i gaz. prom-sti, no. 32, 1960, 53 - 67)

TEXT: Investigations of multifunctional additives showed that ramified structures were characteristic of synthetic ether acids (mixture of esters and compounds containing a lactone or lactide group besides free carboxyl or hydroxyl groups) formed during oxidation of ceresin wax (MHM-7 (MNI-7) additive) or petrolatum (MHM-5 (MNI-5) additive). They contain several active groups (COOH, OH, COOR, where R= hydrocarbon radical) in the molecule. Thus, they are capable of increasing the antiwear, adhesive, and anticorrosive properties of oils and hydrocarbon lubricants, and of lowering their solidification point. Similar properties were found for

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Multifunctional additives to...

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natural ether acids contained in the residue of wool grease after extraction of lanolin from degras by compressed hydrocarbon gases. Such residues look like oxidized petrolatum, and are primarily a mixture of esters and inter-esters, as well as free fatty acids, pigment, etc. The wool grease residue was designated МНИ-10 (MNI-10) additive. The authors try to explain the multifunctional effect of ether acids. [Abstracter's note: Complete translation.]

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"APPROVED FOR RELEASE: 06/09/2000 CIA-RDP86-00513R000206230001-7

VDOVTSOVA, Ye.A., kandidat khimicheskikh nauk; TSUKERVANIK, I.P., professor, otvetstvennyy redaktor; SARYMSAKOV, T.A., glavnyy redaktor; RYZHOV, S.N., professor-doktor, zamestitel' glavnogo redaktora; ROMANOVSKIY, V.I., redaktor; KOROVIN, Ye.P., redaktor; MASSON, M.Ye., redaktor; KORZHENEVSKIY, N.L., redaktor; POPOV, V.I., professor-doktor, redaktor; MIROSHKINA, N.M., professor, redaktor; STOLYAROV, D.D., dotsent, redaktor; BONDAREVSKIY, G.L., dotsent, redaktor; KRASNOVAYEV, I.M., dotsent, redaktor; [redacted], L.V., dotsent, redaktor

[Radical and ionic alkylation of aromatic compounds] Radikal'nyi i ionnyi mekhanizmy reaktsii alkilirovaniia aromaticheskikh soedenenii. Erevan, Izd-vo Erevanskogo universiteta, 1953. 92 p. (Tashkent. Universitet. Trudy Srednеaziatskogo gosudarstvennogo universiteta. no.43. Khimicheskie nauki, no.6)

1. Deystvitel'nyy chlen Akademii nauk UzSSR (for Sarymsakov, Romanovskiy, Korovin). 2. Deystvitel'nyy chlen Akademii nauk Turkm. SSR (for Masson). 3. Chlen-korrespondent Akademii nauk UzSSR (for TSukervanik, Korzhenevskiy).

(Arotmatic compounds) (Alkylation)

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GRANITOV, I.I.; ZAKHIDOV, T.S., professor, dokter, redaktor; POPOV, V.I., professor, dokter, redaktor; ROMANOVSKIY, V.I., redaktor; DODONOV, I.K., redaktor; KOROVIN, Ye.P., redaktor; TSUKERVANIK, I.P., redaktor, KORZHENEVSKIY, N.L., redaktor; RAYKOVA, I.A., professor, dokter, redaktor; YERSHOV, V.V., dotsent, redaktor; VOSKOBOYNIKOV, E.A., dotsent; BONDARENVSKIY, L., dotsent, redaktor.

[Vegetation map of southwestern Kyzyl-Kum; detailed mapping of desert vegetation] Karta rastitel'nosti iugozapadnykh Kzyl-Kumov; Tashkent, Izd.Sredneaziatskogo gos. univ.1950.84 p.(Tashkent.Universitet. Trudy Sredneaziatskogo gosudarstvennogo universiteta, ne.19.Biologicheskie nauki, ne.8) (MLRA 9:2)
1.Deystvitel'nyy chlen AN UzSSR (for Romanovskiy, Dodonov, Korovin).
2.Chlen-korrespondent AN UzSSR (for TSukervanik, Korzhenevskiy)
(Kyzyl-Kum--Phytogeography) (Kyzyl-Kum--Desert flora)

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"APPROVED FOR RELEASE: 06/09/2000 CIA-RDP86-00513R000206230001-7

BONDAREVSKIY, L.V., inzh.; PEKLER, V.N., inzh.

System for busbar protection and reservation of protecting devices and switches. Elek. sta. 35 no.5:88-89 My '64. (MIRA 17:8)

APPROVED FOR RELEASE: 06/09/2000 CIA-RDP86-00513R000206230001-7"

"APPROVED FOR RELEASE: 06/09/2000 CIA-RDP86-00513R000206230001-7

BONDAREVSKIY, M.G

USSR/Human and Animal Morphology. Circulatory System. S-2

Abs Jour: Referat Zh.-Biol., No 1, 10 January 1958, 2854.

Author : Bondarevskiy, M.G.
Inst :
Title : A Contribution to the Subject of Variation in the Intrarenal Veins in Man.

Orig Pub: Tr. kafedry norm. anatomii. Saratovsk. med. in-t, 1955, vyp. 1, 254-258.

Abstract: On the basis of a study of 30 corroded kidney preparations the author postulated that the renal vein begins in the outermost layers of the cortex as peculiar "penicillate" vessels. These became connected to veins which anastomosed with each other forming numerous (from several dozens to a hundred or more) arches convex toward the kidney periphery. Blood from these arches entered not more than 12 larger arcuate veins.8 large

Card : 1/2 -10-

USSR/Human and Animal Morphology. Circulatory System. S-2
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Abs Jour: Referat Zh.-Biol., No 1, 10 January 1958, 2854.

venous stems, forming a renal vein, followed. Frequently, they were located only in the anterior half of the kidney, whereas the posterior half of the kidney contained a rich network of anastomoses. The renal vein was formed in a dispersed mainline or interstitial fashion. There was great variation in the number of anastomoses and in the form of the venous arches.

Card : 2/2 -11-

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BONDAREVSKIY, S. A.

USSR/Engineering - Welding, Equipment Feb 51

"Experiment in the Fabrication of TsM-7 Electrodes in the Novokramatorsk Machine-Building Plant imeni Stalin," S. A. Bondarevskiy

"Avtogen Delo" No 2, p 28

Suggests improvement by increasing thickness of coating to 40-45% of electrode rod by wt. Gives method for preliminary treatment of ferromanganese to eliminate gas formation. Experimentally establishes possibility of replacing low-carbon ferromanganese by blast-furnace ferromanganese up to 50% without impairing mech properties of welds.

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"APPROVED FOR RELEASE: 06/09/2000 CIA-RDP86-00513R000206230001-7

BONDAREVSKIY, V.B.

Formation of occupational and academic interests in pupils of secondary schools with industrial training. Vop.psikhol. 7 no.2: 23-28 Mr-Ap '61. (MIRA 14:6)

1. Permskiy pedinstitut, kafedra psikhologii i pedagogiki.
(Manual training--Psychological aspects)

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"APPROVED FOR RELEASE: 06/09/2000 CIA-RDP86-00513R000206230001-7

BONDAREVSKIY, V.P., inzh.; CHIRKIN, V.V., inzh.

Use of sawdust for electrode coatings. Svar. proizv. no.2:31 F '62. (MIRA 15:2)

1. Gor'kovskiy zavod "Teplokhod".
(Electrodes) (Wood waste)

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"APPROVED FOR RELEASE: 06/09/2000 CIA-RDP86-00513R000206230001-7

BONDAREVSKIY, Ye.

Practical work in industry and the development in students of individual interests and inclination. Politekh. obuch. no.7:33-37 Jl '59. (MIRA 12:9)

1. Moskovskiy gosudarstvennyy pedagogicheskiy institut im. Lenina.
(Vocational education)

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"APPROVED FOR RELEASE: 06/09/2000 CIA-RDP86-00513R000206230001-7

BONDAREVSKIY, Ye.Ya., aspirant

Spatial orientation in children of 7-16 years of age. Protez. i protezostr. no.10:108-114 '64. (MIRA 18:12)

1. TSentral'nyy nauchno-issledovatel'skiy institut protezirovaniya i protezostroyeniya i Moskovskiy oblastnoy pedagogicheskiy institut im. N.K. Krupskoy.

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"APPROVED FOR RELEASE: 06/09/2000 CIA-RDP86-00513R000206230001-7

BONDAREVSKIY, Yu. P., inzh.; PAKHOMOV, V. G., inzh.

Volga-Baltic Sea Waterway. Transpstroi 13 no. 11:26-28 N '63. (MIRA 17:5)

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"APPROVED FOR RELEASE: 06/09/2000 CIA-RDP86-00513R000206230001-7

BONDARICHEVA, V. K.

Bondaricheva, V. K.

"The hygienic principles for the maximum permissible concentration of selenum in roservoir water." Khar'kov Medical Inst. Khar'kov, 1956. (Dissertation for the Degree of Candidate in Medical Sciences).

Knizhnaya letopis'
No. 21, 1956. Moscow.

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"APPROVED FOR RELEASE: 06/09/2000 CIA-RDP86-00513R000206230001-7

BONDARIK, G. K. Cand Geol-Min Sci -- (diss) "Bases of the methods of geological-engineering studies conducted during the phase of operational ~~design~~ planning and construction of large hydroelectric power stations." Mos., 1958. 16 pp; 3 sheets of tables (Min of Higher Education USSR. Mos Geol Prospecting Inst im S. Ordzhonikidze), 110 copies (KL, 13-58, 93)

APPROVED FOR RELEASE: 06/09/2000 CIA-RDP86-00513R000206230001-7"

"APPROVED FOR RELEASE: 06/09/2000 CIA-RDP86-00513R000206230001-7

BONDARIK, G. K.

132-1-6/15

AUTHOR: Bondarik, G.K.

TITLE: Geologic Engineering Phenomena Arising in Hydroelectric Power Construction Operations and the Reasons for Their Appearance (Inzhenerno-geologicheskiye yavleniya, voznikayushchiye v protsesse stroitel'stva ges, i prichiny ikh vozniknoveniya)

PERIODICAL: Razvedka i Okhrana Nedr, 1958, # 1, pp 35 - 42 (USSR)

ABSTRACT: Studies conducted on numerous hydroelectric power plants and examinations of respective literature disclosed that phenomena of geologic engineering arise at the construction and operation of these plants, which necessitate the re-planning of the installation or complicate its construction and maintenance.

The author distinguishes between phenomena which can and those which can not be prevented. To the last category belong such occurances as the decay and deformation of foundation rocks, heaving of the bottom of the cofferdam, effects of mountain pressure. Because all of these phenomena occur as a result of construction activity itself, the effects can only be reduced or localized. To the category which can be prevented, belong the crushing of supports, deformation of linings, swelling of clayey rocks, washing out of rock foundations, etc.

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132-1-6/15

Geologic Engineering Phenomena Arising in Hydroelectric Power Construction Operations and the Reasons for Their Appearance

Phenomena of geologic engineering arising during the period of construction can be divided into two groups: 1) faulty designing of structural units as a result of wrong planning; 2) phenomena caused by a break-down of construction work or technical conditions at the site.

In order to prevent phenomena of geologic engineering at the construction of power plants, the following measures must be taken: 1) conduct geologic engineering research so as to verify the calculations. 2) Geological control for correct execution of work in conformity with the technical conditions of the project.

There is 1 table.

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BONDARIK, G.K.

Role of engineering geology in planning and building hydroelectric power stations. Izv. vys. uchev. zav.; geol. i razv. no.3:85-93 Mr '58. (MIRA 11:10)

1.Moskovskiy geologorazvedochnyy institut im. S. Ordzhonikidze.
(Hydroelectric power stations) (Engineering geology)

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"APPROVED FOR RELEASE: 06/09/2000 CIA-RDP86-00513R000206230001-7

BONDARIK, G.K.

Deposits formed during the construction of foundation pits of the Stalingrad Hydroelectric Power Station by hydro-mechanical methods. Izv.vys.ucheb.zav.; geol. i razv. 2 no.9:108-110 S '59. (MIRA 13:4)

1. Moskovskiy geologorazvedochnyy institut im. S.Ordzhonikidze.
(Stalingrad Hydroelectric Power Station)
(Sedimentation and deposition)

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"APPROVED FOR RELEASE: 06/09/2000 CIA-RDP86-00513R000206230001-7

BONDARIK, G.K.

Volumetric calculation of rock fracturing based on documentation data of surveyed workings. Razved. i okh. nedr. 28 no.7:39-43 Jl '62. (MIRA 15:8)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut gidrogeologii i inzhenernoy geologii.

(Joints (Geology))

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ODINTSOVA, L.I.; BONDARIK, G.K.

OSV-1 uniaxial compression unit designed by All-Union Scientific Research Institute of Hydrogeology and Geological Engineering. Razved. i okh. nedr 29 no.6:56-57 Je '63. (MIRA 18:11)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut gidrogeologii i inzhenernoy geologii.

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BONDARIK, G.K.

Processes of laterite weathering and conditions governing construction on laterites. Trudy VSEGINGEO no. 1:27-39 '63. (MIRA 17:5)

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"APPROVED FOR RELEASE: 06/09/2000 CIA-RDP86-00513R000206230001-7

BONDARIK, G.K.

Seminar on laboratory methods for determining rock properties from the viewpoint of enigneering geology. Sov.geol. 7 no.2: 162-165 F '64. (MIRA 17:3)

APPROVED FOR RELEASE: 06/09/2000 CIA-RDP86-00513R000206230001-7"

"APPROVED FOR RELEASE: 06/09/2000 CIA-RDP86-00513R000206230001-7

BONDARIK, Genrikh, Kondrat'yevich; DUBROVKIN, V.L., red. [deceased]

Dynamic and static soil sounding in engineering geology. Dinamicheskoe i staticheskoe zondirovanie gruntov v inzhenernoi geologii. Moskva, Izd-vo "Nedra," 1964. 162 p. (Moscow. Vsesoiuznyi nauchno-issledovatel'ski institut gidrogeologii i inzhenernoi geologii. Trudy, no.8).

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"APPROVED FOR RELEASE: 06/09/2000 CIA-RDP86-00513R000206230001-7

BONDARIK, V. S.

USSR/Chemical Technology - Chemical Products and Their Application. Wood Chemistry Products. Cellulose and Its Manufacture. Paper, I-23

Abst Journal: Referat Zhur - Khimiya, No 19, 1956, 63352

Author: Malikov, B. G., Brichko, Ye. M., Bondarik, V. S.

Institution: None

Title: Results of Tests of the Short-Modulus Hydrolysis Conditions at Krasnoyarsk Plant

Original Periodical: Gidroliznaya i lesokhim. prom-st', 1956, No 2, 15-16

Abstract: Under these operating conditions (withdrawing 53-54 m^3 of hydrolysate per cooking) rate of acid feed has been increased; heating duration reduced by 10 minutes and at the same time concentration of acid solution used to moisten the raw material has been increased; increase of pressure to 6.5-7 atmospheres gage pressure, is effected slowly, pressure is released and within 6-7 minutes the pressure is rapidly raised to the required level, after which cooking starts. Feed of acid has been reduced by 25-30 minutes per batch and the

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USSR/Chemical Technology - Chemical Products and Their Application. Wood Chemistry Products. Cellulose and Its Manufacture. Paper, I-23

Abst Journal: Referat Zhur - Khimiya, No 19, 1956, 63352

Abstract: amount of water decreased correspondingly. Washing of hydrolyzed material has been extended by 15 minutes and amount of wash water increased by 4 m^3. Yields of sugar, on basis of absolutely dry raw material, amounted to 47.4% over the period of the experiments; amount of heat per one decaliter alcohol has been decreased by 8.6%, that of electric power and H_2SO_4 by 3%.

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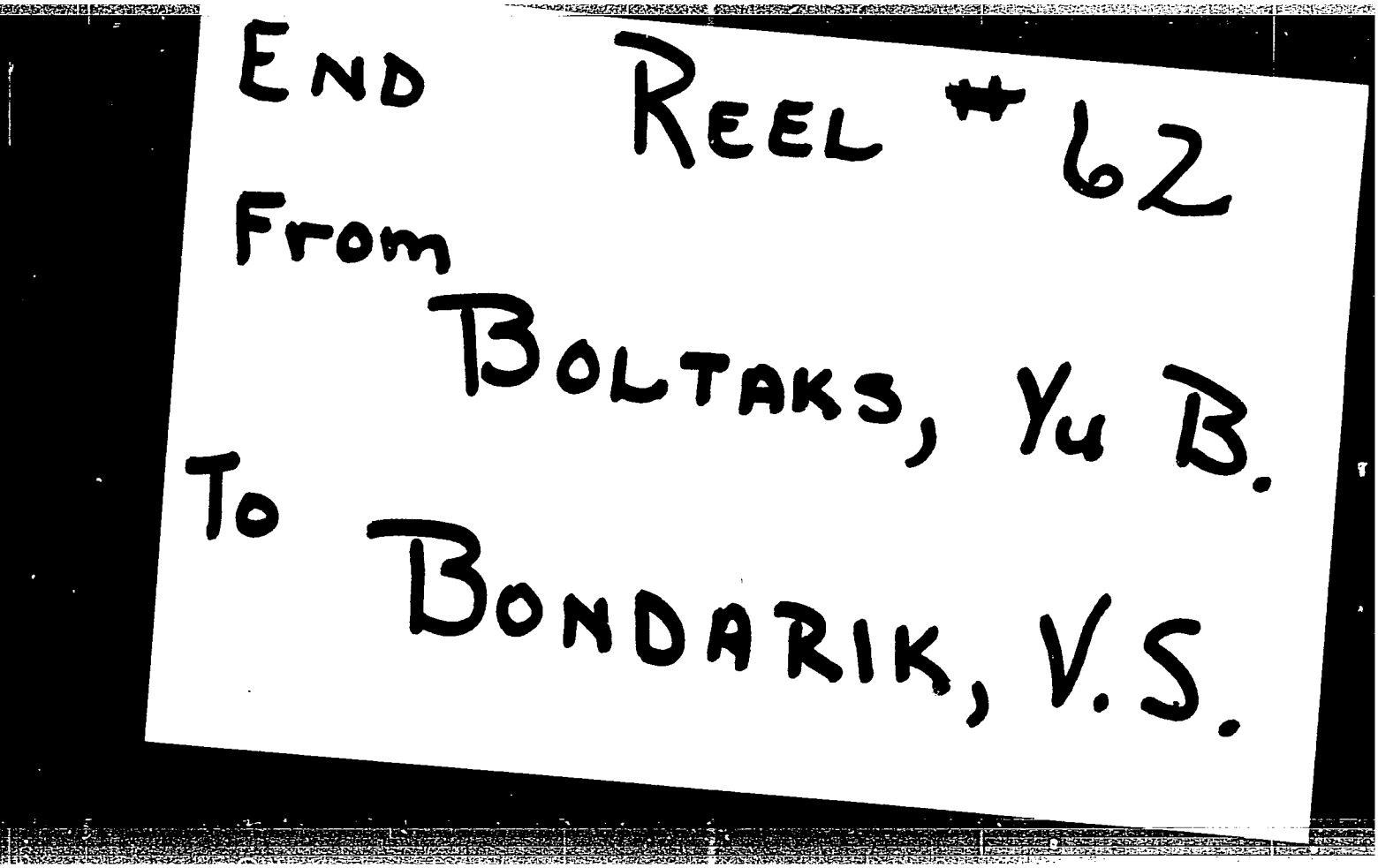

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