L 10844-67 EWT(m)/EWP(w) IJP(c) EM/WVH

ACC NR: AR6034735 (N) SOURCE CODE: UR/0124/66/000/008/V052/V052 27

AUTHOR: Starosel'skiy, V. B.

TITLE: Stress distribution in the coamings of open boats

SOURCE: Ref. zh. Mekhanika, Abs. 8V426

REF SOURCE: Tr. Leningr. in-ta vodn. transp. vyp. 81, 1965, 94-98

TOPIC TAGS: boat, stress distribution, differential equation, coaming

ABSTRACT: A study is made of a profile resting on the edges on inflexible diaphragms and subjected to axial forces applied along the edges, tangential stresses along the line of junction of the coaming and the hull and to transverse load in the plane of the vertical wall along the line of junction. The lower edge is fastened with respect to the turning angle. The problem is solved by V. Z. Vlasov's general variation method. A system of differential equations is composed, which, when solved, permits a determination of the bending of the coaming border in its plane and the additional stresses caused by this bending. An example of the calculation is presented. Ye. Sukacheva. [Translation of abstract]

SUB CODE: 13/

Card 1/1

ANSIMOV, V.V.; VASIL'YEV, V.G.; ROVNIN, L.I.; STAROSEL'SKIY, V.I.; ERV'YE, Yu.G.; MIGAY, L.S., vedushchiy red.; TROFIMOV, A.V., tekhn.red.

[Berezovo gas-bearing region] Berezovskii gazonosnyi raion. Pod red. V.G.Vasil'eva. Moskva, Gos.nauchno-tekhn.izd-vo neft. i gorno-toplivnoi lit-ry, 1960. 59 p. (MIRA 13:7)
(Berezovo region (Tyumen Province)--Gas, Natural--Geology)

ANSIMOV, Vladimir Vladimirovich; VASIL'YEV, Viktor Grigor'yevich; ROVNIN, Lev Ivanovich; STAROSEL'SKIY, Vladislav Ivanovich; ERV'YE, Yuriy Georgiyevich; IONEL', A.G., ved. red.; VOROB'YEVA, L.V., tekhn. red.

[Berezovo-Shaim oil- and gas-bearing region] Berezovo-Shaimskii neftegazonosnyi raion. Moskva, Gostoptekhizdat, 1962. 93 p. (MIRA 15:5)

(West Siberian Plain—Petroleum geology)
(West Siberian Plain—Gas, Natural—Geology)

VASIL'YEV, V.G.; YEROFEYEV, N.S.; ANIKEYEVA, I.B.; YELIN, N.D.; YELOVNIKOV, S.I.; KOLOTUSHKINA, A.F.; L'VOV, M.S.; MATVIYEVSKAYA, N.D.; MIRONCHEV, Yu.P.; MODELEVSKIY, M.Sh.; MURATOVA, A.T.; MUSTAFINOV, R.A.; ROZHKOV, E.L.; SNEGIREVA, O.V.; STAROSEL'SKIY, V.I.; SYTNIK, N.A.; NEVEL'SHTEYN, V.I., ved. red.; YASHCHURZHINSKAYA, A.B., tekhn. red.

[Prospecting for gas fields in the U.S.S.R. during four years of the seven-year plant] Poiski i razvedka gazovykh mestorozhdenii v SSSR za chetyre goda semiletki. Leningrad, Gostoptekhizdat, 1963. 171 p. (MIRA 16:8)
(Gas, Natural--Geology)

KOZLOV, V. ..; [illegible]

Developing a group of gas fields with small gas reserves. Gaz. prom. 10 no.4:6-11 '65. (MIRA 18:5)

RUSYY, V.D.; STARONEL'SKIY, V.Ya.

Effect of simultaneous hardening of holders and bits of hard-alloy tools on their quality. Avt.prom. 31 no.5:39-42 My '65. (MIRA 18:5)

1. Minskiy avtozavod.

STAROSEL'SKIY, Ya. I. FD 182

USSR/Chemistry - Nitrosylsulfuric Acid

Card 1/1

Author : Varlamov, M. L., and Starosel'skiy, Ya. I.

Title : A method of preparing crystalline nitrosylsulfuric acid

Periodical : Khim. prom. 3, 57-58 (185-186), April-May 1954

Abstract : Describe a method for the preparation of crystalline nitrosylsulfuric acid from sodium nitrite and sulfuric acid. The crystals prepared by this method are used for the preparation of nitroses having a definite content of nitrogen trioxide and of sulfuric acid and not containing any free nitric acid. Illustrated by 1 figure. No references

Institution : Chair of the Technology of Inorganic Substances, Odessa Polytechnic Institute

STAROSEL'SKIY, Ya. I., Cand Tech Sci — (diss) "Study of the process of absorption of oxides of nitr[redacted] by sodium solutions in a gas-lifting apparatus." Odessa, 1957. 15 pp with drawings; 1 sheet of diagrams (Min of Higher Education UkSSR, Odessa Polytechnic Inst, Chair of Technology and Automatization of Chem Operations), 100 copies (KL, 15-58, 116)

STAROSELSKIY, Ya. I.
VARLAMOV, M. L., MANAKIN, G. A., BREMHARD, G. Ya., GOSPODINOV, A. N., IVANOV, N. A.
MX KRICHEVSKAYA, E. M., STAROSELSKIY, Ya. I.

"Investigation of a Hartmen Gas-Jet Generator and Its Application in Acoustic Coagulation of a Sulfuric Acid Mist."

paper presented at the 4th All-Union Conf. on Acoustics, Moscow, 26 May - 6 Jun 58.

Staroselskiy, Ya. I.

VARLAMOV, M.L.; MANAKIN, G.A.; STAROSEL'SKIY, Ya.I.

Purification of tower process in sulfuric acid fumes in apparatus of the type of flow measuring pipes. Zhur. prikl. khim. 31 no.2:178-186 F '58. (MIRA 11:5)

1. Odesskiy politekhnicheskiy institut.
(Sulfuric acid) (Packed towers)

STAROSEL'SKIY, Ya.I., Cand Tech Sci — (diss) "Study of the process of nitric oxide absorption by soda solutions in a ~~sketches~~ drawings apparatus." Odessa, 1959, 15 pp with ~~sketches~~ drawings; one sheet ~~with~~ diagrams (Min of Higher Education UkSSR. Odessa Polytechnic Inst. Chair of Technology and Automation of Chemical Production) 150 copies (KL, 34-59, 114)

VARLAMOV, M.L., doktor tekhn. nauk, prof.; MANAKIN, G.A.; STAROSEL'SKIY, Ya.I.; ZBROZHEK, L.S.

Analyzing the ammonia method for the removal of nitrogen oxides from the exhaust gases of a nitrose tower sulfuric acid system. Report No.1. Nauch. zap. Od. politekh. inst. 40:24-33 '62.

Analyzing the ammonia method for the removal of nitrogen oxides from the exhaust gases of a nitrose tower sulfuric acid system. Report No.2. Ibid.:34-44 (MIRA 17:6)

1. Predstavlena kafedroy "Tekhnologiya i avtomatizatsiya khimicheskikh proizvodstv" Odesskogo politekhnicheskogo instituta.

VARLAMOV, M.L.; MANAKIN, G.A.; STAROSEL'SKIY, Ya.I.; ZBROZHEK, L.S.

Ammonia method for the removal of nitrogen oxides of low concentration from gases. Zhur.prikl.khim. 36 no.1:8-15 Ja '63. (MIRA 16:5)
(Gases--Purification) (Nitrogen oxides)
(Ammonia)

VARLAMOV, M.L.; MANAKIN, G.A.; ZBROZHEK, L.S.; STAROSEL'SKIY, Ya.I.;
Prinimala uchastiye: TSITKO, A.S.

Ammonia method for the removal of nitrogen oxides from the waste gases of the tower nitroso-sulfuric system. Zhur. prikl. khim. 36 no.11:2335-2343 N '63. (MIRA 17:1)

STAROSEL'SKIY, Ya. Yu. Cand. Biolog. Sci.

Dissertation: "Influence of Initial Nutrition on the Growth of Kok-Saghyz, its Development and the Accumulation of the Root Rubber Mass, 18 Dec 47. Moscow Oblast Pedagogical Inst.

SO: Vechernyaya Moskva, Dec, 1947 (Project #17836)

KOROLEV, L. I.: STAROSEL'SKIY, Ya. YU.

Herbicides

New preparations for weed control. Agrobiologiia, No. 4, 1952.

Monthly List of Russian Accessions. Library of Congress. November 1952 UNCLASSIFIED.

Starosel'skiy, Yu. Ya.

USSR/Chemistry - Herbicides

FD-1728

Card 1/1 : Pub. 50-4/18

Authors : Korolev, L. I., Starosel'skiy, Yu. Ya.

Title : The effectiveness of chemical agents used in the extermination of weeds

Periodical : Khim. prom., No 1, 15-18, Jan-Feb 1955

Abstract : Discuss the properties and effectiveness of salts and esters of chlorophenylacetic acids, of nitrophenols and their salts, of phenyl carbamates, and of dichloralurea. State that one of the compounds enumerated (2,4-D) is used as a weed killer in USSR agriculture, while the others are being tested on a production or experimental scale. The nitrocompounds are to be used for the extermination of parasitic plants of the genus Cuscuta, which damage various crops in the USSR. Six tables.

Institution : Scientific Research Institute of Fertilizers and Insectofungicides

N

USSR/Weeds and Weed Control

Abs Jour : Ref Zhur - Biol., No 9, 1958, No 39610

Author : Korolev L.I., Starosel'skiy Ya.Yu.
Inst : Kolgoprudnyy Agronomical Experiment Station
Title : Application of Herbicides Before the Appearance of Sprouts

Orig Pub : Kukuruza, 1957, No 5, 52-54

Abstract : The verification of the efficiency of sowings treatment by various herbicides, before the appearance of corn sprouts, showed that contact herbicide and particularly sodium dinitroorthocresolate (DNOC) gives much better results than the amino salt 2,4-D. This study was conducted by the Dolgoprudniy agronomical experiment station in the Moscow Oblast. -- N.N. Sokolov.

Card : 1/1

8

MAGNITSKIY, Konstantin Pavlovich, doktor sel'khoz. nauk; STAROSEL'SKIY, Ya.Yu., kand. biol. nauk; LEONOVA, T.S., red.; NAZAROVA, A.S., tekhn. red.

[Chemistry in the service of agriculture; new fertilizers and herbicides] Khimiia idet na polia; novye udobreniia i gerbitsidy. Moskva, Izd-vo "Znanie," 1962. 47 p. (Novoe v zhizni, nauke, tekhnike. V Seriia: Sel'skoe khoziaistvo, no.12) (MIRA 15:7)

(Fertilizers and manures) (Herbicides)

2-58-6-8/16

AUTHOR: Starosel'skiy, Ye., Senior Engineer of the TsSU USSR; Tsagareli, D., Senior Inspector of the TsSU USSR Finance Department

TITLE: Mechanization of Statistical Processes (Mekhanizatsiya statisticheskikh razrabotok)

PERIODICAL: Vestnik statistiki, 1958, Nr 6, pp 61-65 (USSR)

ABSTRACT: The reorganization of control over industry and construction in the USSR, made imperative the centralization of records and statistics in the branches of the Central Administration of Statistics. Such a centralization required that all statistical reports made by industrial enterprises and building organizations be sent to respective statistical agencies for evaluation. To cope with the work load in the Union republics, autonomous republics, oblast's and krays, the statistical agencies have been provided with computing stations. Depending on the computer type used, the newly organized MSS are divided into two groups: those using digital computing machines only (for computing, book-keeping), and those equipped with both digital computing machines and punched-card computers. The punched-card com-

Card 1/2

STAROSEL'TSEV, V.S.; GIL'KIN, V.N.

Prospecting for copper-nickel ores based on the occurrence of boulders. Inform. sbor. NIIGA no.32:45-51 '62. (MIRA 16:12)

STAROSEL'TSEV, V.S., inzh.

Result of drawing pillars subject to bumps at the Kalinin Mine. [Trudy] VNIMI no.49:204-208 '62. (MIRA 17:4)

1. Shakhta imeni Kalinina kombinata Kizelugol' Kizelovskogo kamennougol'nogo basseyna.

STAROSEL'TSEV, V.S.

Preliminary evaluation of the prospects for finding minerals according to glacial boulders. Geol. i geofiz. no.6:128-130 '64. (MIRA 18:11)

1. Sibirskiy nauchno-issledovatel'skiy institut geologii, geofiziki i mineral'nogo syr'ya, Novosibirsk.

SOKOLOV, A.A.; VLASENKO, V.I.; GURVICH, A.Ye.; STAROSEL'TSEVA, L.K.

Photoelectric densitometer and its use in evaluating the results of paper electrophoresis. Vop.med. khim. 2, no.3:222-228 My-Je '56. (MLRA 9:10)

1. Inzhenerno-fizicheskiy institut i Laboratoriya fiziologicheskoy khimii Instituta biologicheskoy i meditsinskoy khimii AMN SSSR, Moskva.

(ELECTROPHORESIS, apparatus and instruments, densitometer, photelectric (Rus))

KAPLANSKIY, S.Ya.; KUZOVLEVA, O.B.; STAROSEL'TSEVA, L.K.

Paper electrophoresis of liver proteins [with summary in English]. Vop.med.khim. 3 no.6:451-455 N-D '57. (MIRA 11:2)

1. Laboratoriya fiziologicheskoy khimii Instituta biologicheskoy i meditsinskoy khimii AMN SSSR, Moskva.
(LIVER, metabolism,
proteins, electrophoresis (Rus))
(PROTEINS, metabolism,
liver, electrophoresis (Rus))

STAROSEL'TSEVA, L.K.

KAPLANSKIY, S.Ya.; GURVICH, A.Ye.; STAROSEL'TSEVA, L.K.

Comparative investigation of the electrophoretic and immunological properties of organ and serum proteins [with summary in English]. Biokhimiia 23 no.1:114-118 Ja-F '58. (MIRA 11:3)

1. Laboratoriya fiziologicheskoy khimii Instituta biologicheskoy i meditsinskoy khimii AMN SSSR, Moskva.
(PROTEINS,
electrophoretic & immunol. properties, comparison with serum proteins (Rus)
(BLOOD PROTEINS,
electrophoretic & immunol. properties comparison with proteins of various organs (Rus)

KAPLANSKIY, S.Ya.; LEBEDEVA, N.K.; STAROSEL'TSEVA, L.K.

Electrophoretic and immunochemical investigation of proteins in the kidney, blood serum, and urine in experimental nephritis. Vopr. med. khim. 5 no.3:225-231 My-Je '59. (MIRA 12:7)

1. Laboratory of Physiological Chemistry, Institute of Biological and Medical Chemistry, Academy of Medical Sciences of the U.S.S.R., Moscow.

(NEPHRITIS, exper.
protein metab., electrophoresis & immunochem. aspects (Rus))
(PROTEINS, metabolism,
in exper. nephritis, electrophoresis & immunochem. aspects)

KAPLANSKIY, S.Ya.; STAROSEL'TSEVA, L.K.

Electrophoretic and immunological changes in organ and serum proteins associated with protein deficiency and certain pathological conditions of the liver and kidneys in rats [with summary in English]. Biokhimiia 24 no.1:86-93 Ja-F '59. (MIRA 12:4)

1. Laboratory of Physiological Chemistry, Institute of Biological and Medical Chemistry, Academy of Medical Sciences of the U.S.S.R., Moscow.
(PROTEINS, metab.
blood & various organs, electrophoretic & immunal. aspects of protein defic. & liver & kidney inj. in rats (Rus))
(LIVER, physiol.
eff. of exper. inj. on proteins in blood & various organs, electrophoretic & immunol. aspects (Rus))
(KIDNEYS, physiol.
same)

STAROSEL'TSEVA, L.K.

Immunochemical changes in serum proteins in cholecystitis.
Vop. med. khim. 6 no.3:316-320 My-Je '60. (MIRA 14:3)

1. Laboratoriya fiziologicheskoy khimii Institute biologicheskoy i meditsinskoy khimii AMN SSSR, Moskva.
(GALL BLADDER--DISEASES) (BLOOD PROTEINS)

BONDAR', Z.A.; KAPLANSKIY, S.Ya.; MAKAROVA, N.A.; STAROSEL'TSEVA, L.K.; SHMUL'YAN, T.R.

Change in the immunological properties of serum proteins in chronic liver diseases. Terap.arkh. 32 no.11:21-28 N '60. (MIRA 14:1)

1. Iz laboratorii patologii belkovogo obmena i immunokhimii (zav. - prof. S.Ya. Kaplanskiy) Instituta biologicheskoy i meditsinskoy khimii AMN SSSR i fakul'tetskoy terapevticheskoy kliniki (zav. - deystvitel'nyy chlen AMN SSSR prof. V.N. Vinogradov) I Moskovskogo ordena Lenina meditsinskogo instituta I.M. Sechenova.
(BLOOD PROTEINS) (LIVER--DISEASES)

STAROSELTSEVA, L. K., and KAPLANSKIY, S. YA. (USSR)

"Changes in the Immunological Properties of Blood Serum Proteins in Patients with Various Diseases of the Liver."

Report presented at the 5th International Biochemistry Congress, Moscow, 10-16 Aug 1961

STAROSEL'TSEVA, L.K.; OZERETSKOVSKAYA, N.Ye.; EDEL'MAN, Z.I.; ANANENKO, A.A.; GERSHKOVICH, V.I.

Changes in the immunological properties of blood proteins in rheumatic diseases in children. Vop. med. Khim. 9 no. 3: 239-244 My-Je '63. (MIRA 17:9)

1. Institut biologicheskoy i meditsinskoy khimii AMN SSSR i Institut pediatrii Ministerstva zdravookhraneniya RSFSR, Moskva.

BONDAR', Z.A., prof. (Moskva); STAROSEL'TSEVA, L.K. (Moskva)

Changes in the immunological properties of serum proteins in chronic liver diseases and the results of their treatment. Vop.med.virus. no.9:281-284 '64. (MIRA 18:4)

STAROSEL'TSEVA, L.K.

Distribution of immunologically changed proteins in various serum protein fractions of patients with cholecystitis and liver cirrhosis. Vop.med.khim. 11 no.5:32-35 S-O '65. (MIRA 19:1)

1. Institut biologicheskoy i meditsinskoy khimii AMN SSSR, Moskva. Submitted April 24, 1964.

BAYDA, Leonid Il'ich; DOBROTVORSKIY, Nikolay Stepanovich; DUSHIN, Yevgeniy Mikhaylovich; MOKIYENKO, Dobroslava Nikolayevna; PREOBRAZHENSKIY Aleksey Alekseyevich; PCHELINSKAYA, Sof'ya Nikodimovna; STAROSEL'TSEVA, Yelena Aleksandrovna; FREMKE, Andrey Vladimirovich, doktor tekhn. nauk, prof.; ORSHANSKIY, D.L.; PREOBRAZHENSKIY, A.A., red.; SOBOLEVA, Ye.M., tekhn.red.

[Electrical measurements; a general course] Elektricheskie izmereniia; obshchii kurs. Izd.3., perer. i dop. [By] L.I. Baida i dr. Moskva, Gosenergoizdat, 1963. 428 p. (MIRA 17:3)

STAROSEL'TSEVA, Ye.A.

Measuring converter of insulation resistance of an a.c. circuit. Izv. vys.ucheb.zav.;prib. 7 no.5:29-34 '64. (MIRA 17:12)

1. Leningradskiy elektrotekhnicheskiy institut imeni V.I.Ul'yanova (Lenina). Rekomendovano kafedroy elektroizmeritel'noy tekhniki.

38233. STAROSGIN, S. N.

Izucheniye vliyaniya razlichnykh faktorev na sokhraneniya yagnyat romanovskoy porody. Trudy Vsesoyuz. opyt. stantsii zhivotnovodstva, vyp. 1, 1949, s. 144-59. - Bibliogr: 3 Nazv.

STAROSHCHUK, Kh.V., dotsent

Results of a hygienic study of noises in dwelling houses. Gig. i san. 28 no.7:89-92 Jl '63. (MIRA 17:1)

1. Iz kafedry obshchey gigiyeny L'vovskogo meditsinskogo instituta.

STAROSKOL'SKIY, A. A.

7685. MAL'STEV, M. D. I. STAROSKOL'SKIY, A. A. -- Krasil'nyy tsentrifugal'nyy apparat KTSV-120. M., (Gizlegprom, 1954.52 ss Chert; 2 Lichert. 20 sm. 3.000 ekz. 1 R. 30 K. --(55-4202)p 677.027:667.2

SO: Knizhnaya Letopis', Vol. 7, 1955

MAL'TSEV, N.D.; STAROSKOL'SKIY, A.A.

Problem of mercerizing yarn. Tekst.prom.14 no.1:35-37 Ja '54.
(MLRA 7:2)

1. Glavnyy inzhener Semenovskoy krasil'no-appreturnoy fabriki (for Mal'tsev). 2. Starshiy inzhener Tekhnicheskogo upravleniya Ministerstva promyshlennykh tovarov shirokogo potrebleniya RSFSR (for Staroskol'skiy). (Mercerization)

STAROSKOL'SKIY, A. A.

MAL'TSEV, N.D., inzhener; MATUSEVICH, L.M., inzhener; STAROSKOL'SKIY, A.A., inzhener.

Increasing the quality of stockings made from mercerized yarn. Leg.prom. 14 no.6:32-33 Je '54. (MLRA 7:8)
(Hosiery)

STAROSKOL'SKIY, A.A.; RATNOVSKAYA, Ye.D.; GIL'MAN, A.B.

Use of wetting agents in skein yarn mercerizing. Leg.prom.15 no.2: 47-50 F '55. (MLRA 8:4)
(Mercerization)

STAROSKOL'SKIY, A.A.

[illegible], [illegible] YUTIN,

[illegible] peroxide to bleach curtain [illegible] articles. Tekst. prom. 15 no.5:[illegible] My '55. (MLRA [illegible])

1. Starshiy inzhener Tekhnicheskogo upravleniya Ministerstva [illegible] tovarov shirokogo potrebleniya RSFSR (for Staroskol'skiy). 2. Glavnyy inzhener fabriki imeni Tel'mana (for [illegible]). (Lace and lace making) (Bleaching)

STAROSKOL'SKIY, Aleksey Alekseyevich; KRASOVSKAYA, Yekaterina Nikolayevna; SIBIRTSEV, S.L., retsenzent; GUSEVA, Ye.M., redaktor; MEDVEDEVA, L.A., tekhnicheskiy redaktor

[Dyeing and finishing of textile and haberdashery goods] Krashenie i otdelka tekstil'no-galanterejnykh izdelii. Moskva, Gos. nauchno-tekhn. izd-vo M-va legkoi promyshl. SSSR, 1956. 187 p. (MLRA 10:5)

(Dyes and dyeing) (Textile industry)

STAROSKOL'SKIY, A.A., inzhener; SEVAST'YANOV, N.V., inzhener.

Sueding of double needle bar locknit cotton fabrics. Leg.prom. 16 no.12:22-23 D '56. (MLRA 10:2)
(Cotton finishing)

STAROSKOL'SKIY, N.A.

3510. CONTACTLESS HIGH FREQUENCY ELECTRIC MINE HAULAGE SYSTEMS.
Staroskol'skii, N.A., Bakhmutskii, F.I., Kemenetskii, B.G. and Rosenfel'd, V.E. (Elektrichestvo (Electricity, U.S.S.R.), Apr. 1956, 28-31; abridged in Engrs' Dig., July 1956, vol. 17, 279, 280). The following system for dangerous mines has been the subject of successful experiments in Donbass. A high frequency generator supplies two insulated cables above the track with condensers installed at 500-600 m intervals. The locomotive incorporates a flat power receiver consisting of several turns of a special cable, which is divided into sections connected between the units of a battery of condensers, so that inductive resistance is compensated. The best frequency is 4000-5000 c/s. The current is rectified and used in d.c. traction motors. (L).

STAROSKOL'SKIY, A.A., inzhener.

Mechanizing santin ribbon dyeing process. Leg. prom. 17 no.5: 37-39 My '57. (MLRA 10:6)

(Dyes and dyeing--Apparatus)

SEVAST'YANOV, N.V., inzh.; STAROSKOL'SKIY, A.A., inzh.

Yarn dyeing in the knitting industry. Leg.prom. 17 no.8:35-36 Ag '57. (MIRA 10:10)
(Yarn) (Dyes and dyeing--Apparatus)

STAROSKOL'SKIY, A.A., inzh.

Bleaching by hydrogen peroxide. Leg. prom. 18 no.5:38-39 My '58.
(Bleaching agents) (MIRA 11:6)

STAROSKOL'SKIY, A.A.

Experiences in the modernization of dyeing and rinsing units. Tekst.prom. 20 no.2:50-53 F '60. (MIRA 13:6)

1. Glavnyy spetsialist Tekhnicheskogo upravleniya Mosgorsovnarkhoza.

(Dyes and dyeing--Equipment and supplies)

STAROSKOL'SKIY, A.A.; KUZ'MIN, S.N.; MAL'TSEV, N.D., retsenzent; AKSENOVA, I.I., red.; TRISHINA, L.A., tekhn. red.

[Chemical plants for dyeing and finishing processes]Khimicheskie stantsii krasil'no-otdelochnogo proizvodstva. Moskva, Rostekhizdat, 1962. 185 p. (MIRA 15:11)
(Dyes and dyeing--Apparatus) (Textile finishing)

STAROSKOL'SKIY, A.A.

New technology in textile fabric dyeing with direct and reactive dyes. Tekst.prom. 22 no.4:59-61 Ap '62 (MIRA 15:6)

1. Glavnyy spetsialist po otdelke tkaney Gosudarstvennogo komiteta Soveta Ministrov SSSR po koordinatsii nauchno-issledovatel'skikh rabot.

(Dyes and dyeing) (Textile fabrics)

STAROSKOL'SKIY, A.A.

Rapid method of sizing cotton fabrics. Tekst.prom. 22 no.8:83 Ag '62. (MIRA 15:8)

1. Glavnyy spetsialist po otdelke tkaney Gosudarstvennogo komiteta Soveta Ministrov SSSR po koordinatsii nauchno-issledovatel'skikh rabot.

(Sizing (Textile))

STAROSKOL'SKIY, A.A.

Bleaching of fabrics with sodium chloride in alkali medium. (MIRA 15:9)
Tekst.prom. 22 no.9:84 S '62.

1. Glavnyy spetsialist po otdelke tkaney Gosudarstvennogo kombinata Soveta Ministrov SSSR po korrdinatsii nauchno-issledovatel'skikh rabot.

(Bleaching)

STAROSKOL'SKIY, A. A.

Using the "thermosol" method for dyeing textile fabrics. Tekst. prom. 23 no.3:61-63 Mr '63. (MIRA 16:4)

1. Glavnyy spetsialist po otdelke tkaney Gosudarstvennogo komiteta Soveta Ministrov SSSR po koordinatsii nauchno-issledovatel'skikh rabot.

(Dyes and dyeing) (Textile fabrics)

STAROSKOL'SKIY, A.A.

New types of fabrics and fibers. Tekst.prom. 23 no.5:52-53 My '63. (MIRA 16:5)

1. Glavnyy spetsialist po otdelke tkaney Gosudarstvennogo komiteta Soveta Ministrov SSSR po koordinatsii nauchno-issledovatel'skikh rabot.

(Metal cloth) (Rayon)

STAROSKOL'SKIY, A.A.

Method of printing without back grey. Tekst. prom. 25 no.3: 60-61 Mr '65. (MIRA 18:5)

1. Glavnyy spetsialist Gosudarstvennogo komiteta po koordinatsii nauchno-issledovatel'skikh rabot SSSR.

STAROSKOL'SKIY, N. A.

On 22 February 1946, at the Power Engineering Institute imeni Molotov, defended his dissertation on "The Three-Wire System of Power Supply in Electric Traction". Official opponents - Doctor of Technical Sciences Professor K. G. Markvardt, and Doctor of Technical Sciences Professor V. Ye.Rozenfel'd.

So: Elektrichestvo, No 4, April 1947, pp 90-94 (U-5577, 18 February 1954)

An analysis was made of the advantages of the three-wire system of supplying direct current to the contact networks of the streetcar, Metro, suburban, and approach lines in comparison with the two-wire system. Methods were investigated for transverse and length-wise sectioning of the network with alternating sectors of varying polarity. Experimental investigation of a test portion of the Kazan' street-car system has shown that with the three-wire system the mean load of the feeders drawing power was reduced by from 1.5 to 8 times and power losses by 8.5 times, while the working voltage on current-drawing cars was increased by 4 percent. An estimate was made of the cost of rebuilding the substations and networks to a three-wire system, and it was shown that these costs would be amortized within one to one and one-half years.

So: IBID

1. STAROSKOL'SKII, Docent N. A.

2. USSR (600)

4. Popeliash, V. N.

7. Remarks to V. N. Popelyash's article "Three-conductor system of electric power supply for trolley buses." Elektrichestvo no. 12, 1952.

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

STAROSKOL'SKIY, N.A.

Electrical Engineering Abstracts
May 1954
Engineering.

1854. Relation between incendive current and frequency. N. A. STAROSKOL'SKII AND F. I. BAKHMUTSKII. *Elektrichestvo*, 1953, *No.* 7, 59–60. *In Russian.*

Since mining locomotives to work on a 1500–8000 c/s supply are under consideration and mining communications and dispatching installations are being operated at 10·2 Mc/s, the relation between incendive current and frequency becomes of practical interest. Previous investigations of Thornton and Wheeler, and also of Russian authors, yielded partly contradictory results; thus, Thornton found between 40 and 100 c/s an increase of the incendive current by a factor 3·5–4·5 (voltage range 400–800 V), whereas Wheeler found no relation between frequency and incendive current. The authors designed their testing circuit in accordance with Soviet regulations for safety in mines and tested at 50, 480 and 2500 c/s. The corresponding values of the incendive current found were 0·205, 0·222 and 0·280 A, respectively, thus revealing no appreciable increase with the frequency. It seems that the small increase may be explained by the fact that the faculty of propagation of the small arc drawn in the explosion chamber weakens with increasing frequency, and has to be compensated by a small increase of the current. B. F. KRAUS

8-13-54 gp

STAROSKOL'SKIY, N. A.

Subject : USSR/Electricity AID P - 2339

Card 1/1 Pub. 27 - 3/30

Author : Staroskol'skiy, N. A., Kand. of Tech. Sci. Dotsent

Title : Electric mine-locomotive with a flywheel energy storage

Periodical : Elektrichestvo, 5, 13-17, My 1955

Abstract : The author describes a locomotive designed by "Oerlikon" in Switzerland, based on the principle of storing kinetic energy in a flywheel which rotates at high speed and is coupled to a squirrel-cage motor. The gas-tight enclosure is filled with low-pressure hydrogen to give minimum friction losses. The author gives technical data of the so-called "electro-gyro" on the basis of articles in foreign periodicals. Five diagrams, 4 non-Soviet references (1947-1952).

Institution: Donets Scientific Research Coal Institute

Submitted : F 10, 1955

STAROSKOL'SKIY, N.A.

STAROSKOL'SKIY, N.A., kandidat tekhnicheskikh nauk, dotsent

Hauling capacity of mine storage battery locomotives. Ugol' 30 no.7:40 Jl'55. (MLRA 8:10)

1. Donetskiy ugol'nyy institut
(Electric locomotives)

STAROSKOL'SKIY, N. A.

621.332.43 : 622

3864. NON-CONTACT ELECTRIC LOCOMOTIVE TRACTION FOR MINES. N.A.Staroskol'skiĭ, F.I.Bakhmutskiĭ, B.G.Kamenetskiĭ and V.E.Rozenfel'd.
Elektrichestvo, 1956, No. 4, 28-31. In Russian.

Since the first narrow-gauge non-contact electric locomotive operating at 2500 c/s was put on the rails, development work on the system has produced fully satisfactory results in so far as this kind of traction is now technically and economically superior to traction by battery locomotives. Where full compliance with the existing safety regulations in mines is concerned, further improvements were suggested. Up to now the low operating voltage (40 V) makes the system reasonably safe against spark production, heating-up of metal objects by induction effects or unintentional firing of shots.

B.F.Kraus

Moscow Power Eng Inst. im Molotov

Cand. Tech. Sci

STAROSKOL'SKIY, N.A., kand.tekhn.nauk; KAMENETSKIY, B.G., kand.tekhn.nauk

Operating conditions of traction substations in contactless electric transportation. Sbor.DonUGI no.17:86-91 '58. (MIRA 12:5)

(Mine railroads) (Electric substations)

SOV/110-59-2-13/21

AUTHORS: Staroskol'skiy, N.A., Candidate of Technical Sciences, Bakhmutskiy, F.I., Engineer, [illegible], Rozenfel'd, V.Ye. Doctor of Technical Sciences, Professor

TITLE: Mine Haulage by Contactless High-Frequency Electric Locomotives (Rudnichnaya otkatka beskontaktnymi elektrovozami povyshennoy chastoty)

PERIODICAL: Vestnik Elektropromyshlennosti,1959,Nr 2,pp 55-60(USSR)

ABSTRACT: High-frequency contactless electric locomotives are likely to prove useful in mines where there is a risk of fire. This system employs inductive transfer of energy from the system to the moving locomotive, a schematic diagram of the arrangement being given in Fig 1. The power distribution system consists of two insulated cables suspended at a height of 1.7 metres. This system acts as a primary circuit, the secondary circuit being located on the locomotive. The current in the primary circuit is automatically maintained constant whatever the load on the locomotive. The main difficulty in developing contactless electric transport is that the electromagnetic linkage between primary and secondary is weak because closed magnetic circuits cannot be used. Conditions are best at high frequency, and the frequency

Card 1/5

Mine Haulage by Contactless High-Frequency Electric Locomotives

of 2,500 c/s has been used on an experimental installation with an electric locomotive of 15 - 20 kW. Even at 2500 c/s the inductive reactance of the section line is 22 - 23 ohms/km and, therefore, compensating capacitors must be installed at intervals of 500 - 600 metres along the line. The power receiver installed on the locomotive consists of a steel core and several turns of cables. The cables are of special construction to reduce skin effects. The inductive reactance of the power receiver is 15 - 20 ohms and it must accordingly be sectionalized. Considerable difficulties are experienced in designing traction motors for frequencies of 1000 c/s and more. However, dry type rectifiers operate satisfactorily at such frequencies and so direct current motors are recommended. A special feature of the conditions of operation is that the voltage varies very greatly with the load. A number of other constructional problems are described. The first contactless electric locomotive running at a frequency of 2500 c/s commenced operation in 1951 on an experimental surface narrow gauge line. An experimental installation 1.5 km long was installed in a mine in 1954.

Mine Haulage by Contactless High-Frequency Electric Locomotives

After the equipment had operated successfully for seven months it was dismantled as the convertor was required for further development work in the laboratory. A new experimental line with two locomotives has been operating in the same mine since early in 1958. A 100 kW high-frequency furnace type generator is used. The rest of the installation is briefly described. The maximum power of the locomotive depends on the conditions and ranges from 13 - 20 kW. The locomotives have been convenient to control and reliable in operation. There have been several cases of capacitor failure. Safety questions are then considered. The possibility of dangerous e.m.f.'s being induced in other conductors is considered and it is found that dangerous values are unlikely to occur. Interference with telephonic communications is not excessive. The electrical equipment on the locomotives and the line capacitors must, of course, be explosion-proof. Consideration is given to the selection of frequency and it is concluded that a frequency in the neighbourhood of 3000 c/s is best. Theoretical traction characteristics for a contactless locomotive weighing

Mine Haulage by Contactless High-Frequency Electric Locomotives

8.5 tons at a frequency of 3000 c/s are given in Fig 3. It is considered that contactless locomotives will be useful when it is required to haul 350 - 400 tons of coal per day or more, and they become particularly attractive at rates of 1000 tons of coal per day. Figures are given for the overall efficiency of the system and these range from 14% at 400 tons of coal per day to 25% at 1750 tons of coal per day. Operating experience with nickel iron accumulators in mining locomotives shows that the mean efficiency of accumulator haulage is about 23%. This efficiency is reckoned only to the battery terminals and as rheostats are more used in battery locomotives their power consumption is some 10% higher than that of the corresponding contactless locomotive. The overall efficiency of the contactless system could be improved by the use of ionic frequency changers. A disadvantage of contactless locomotives is that they are somewhat higher than battery types, overhead wires are necessary and the construction is somewhat complicated. The power of the

STAROSKOL'SKIY, Nikolay Aleksandrovich, kand.tekhn.nauk, dotsent

Circuits for connecting semiconductor rectifiers on high-frequency electric locomotives in coal mines. Izv. vys. ucheb. zav.; elektromekh. 3 no.12:80-87 '60. (MIRA 14:5)

1. Kafedra elektrotekhniki i elektrooborudovaniya Vsesoyuznogo zaochnogo inzhenerno-stroitel'nogo instituta.
(Electricity in mining)
(Electric locomotives)

PETROV, G.N.; ROZENFEL'D, V.Ye.; KAGANOV, I.L.; PETROV, I.I.; STAROSKOL'SKIY, N.A.; TARE, B.M.

Vasilii Aleksandrovich Iz"iurov. Elektrichestvo no.7:93 Jl '60. (MIRA 13:8)
(Iz"iurov, Vasilii Aleksandrovich, 1885-)

BAKHMUTSKIY, F.I., inzh.; OROKHOVSKIY, I.I.; KHARLAMOV, V.V., inzh.; ROZENFEL'D, V.Ye., doktor tekhn.nauk; STAROSKOL'SKIY, N.A., kand.tekhn.nauk, dots.

Mine haulage by means of high-frequency electric locomotives. Ugol' 35 no.6:29-33 Je '60. (MIRA 13:7)

1. Donguprouglemash (Bakhmutskiy, Orokhovskiy, Kharlamov). 2. Moskovskiy energeticheskiy institut (for Rozenfel'd, Staroskol'skiy).
(Mine railroads)
(Electric locomotives)

STAROSKOL'SKIY, N.A., kand. tekhn. nauk

Electric power feed on a contactless electric mine locomotive. Vop. rud. transp. no.5:298-323 '61. (MIRA 16:7)

1. Vsesoyuznyy zaochnyy inzhenerno-stroitel'nyy institut.
(Electric locomotives)

ROZENFEL'D, Vitaliy Yevgen'yevich, doktor tekhn. nauk, prof.;
STAROSKOL'SKIY, Nikolay Aleksandrovich, kand. tekhn. nauk, dotsent;
DOVZHIN, Vladimir Iosifovich, aspirant [deceased]

Control of high-frequency mine locomotive using magnetic amplifiers.
Izv. vys. ucheb. zav.; elektromekh. 8 no.11:1294-1299 '65.
(MIRA 19:1)

MIKULEC, Jan, mgr inz.; STAROSOLSKI, Wlodzimierz, dr inz.

Stiffnes testing of the ceramic block and the foundation of the knuckle of a coke oven battery. Problemy proj hut maszyn 11 no. 6: 180-189 Je '63.

1. Kierownik Pracowni Budowlanej, Koksoprojekt, Zabrze (for Mikulec). 2. Politechnika Slaska, Gliwice (for Starosolski).

[illegible], Wlodzimie z; [illegible], Zbigniew

Prefabricated prestressed bridges of over all atypic dimensions. Problemy proj hut maszyn 12 no.3:72-76 '64

1. Politechnika Slaska, Gliwice (for Staroselski). Koksoprojekt Zabrze (for Polka).

STAROSOLSZKY, Odon

"Hydraulic laboratory tests" by D.S.Wilker. Reviewed by Odon Starosolszky. Hidrologiai kozlony 36 no.3:220 Je'56.

STAROSOLSZKY, Odon

Hydraulic laboratory of the Ljubljana University. Vizugyi kozl no. 1/2:143-144 '57.

STAROSOLSZKY, Odon

Venturi meter to measure low waters. Vizugyi kozl no. 1/2: 149-152 '57.

STAROSOLSZKY, Odon

The Lisbon Research Institute of the Construction Industry.
Vizugyi kozl no.3:296-299 '57.

STAROSOLSZKY, Odon

"Proceedings of the Sixth Hydraulic Conference, June 13-15, 1955", edited by L.Landweber, P.G.Hubbard. Reviewed by Odon Starosolszky. Hidrologiai Kozlony 37 no.4:321 '57

"Handbook on hydraulics" by M.A. Mostkow [Mostkov, M.A.]. Reviewed by Odon Starosolszky. 329

Experiments in the Tiszafured irrigation system. 384.

MARCZELL, Ferenc; PUSKAS, Tamas; STAROSOLSZKY, Odon

Barrage hydroelectric stations in Dobsina and Orava.
Hidrologiai kozlony 38 no.1:55-66 F'58.

STAROSOLSZKY, Odon

Pressure conditions of pipe junctions. Vizugyi kozl no.1: 115-121 '58.

STAROSOLSZKY, Odon

Power losses in open channels caused by section changes.
Vizugyi kozl no.2:287-291 '58.

STAROSOLSZKY, Odon.

"Floods" by W.G.Hoyt, W.B.Langbein. Reviewed by Odon Starosolszky. Hidrologiai kozlony 38 no.1:20 F'58.

"Surge tanks" by A.Gardel. Reviewed by Odon Starosolszky. 20.

"The observation of the behavior of the Portuguese concrete dams" by M. Rocha, I.L.Serafim, A.F. da Silveira, O.V. Rorigues. Reviewed by Odon Starosolszky. 41.

STAROSOLSZKY, Odon

Water discharging capacity of smaller water intake construction. Hidrologiai Kozlony 39 no.4:262-266 Ag '59.

STARCSOLZSKY, Odon

Water utilization in the Tennessee Valley. Vizugyi kozl no.1: 156-165 '60.

1. "Vizugyi Kozlemenyek" rovatvezetoje

STAROSOLSZKY, Odon

A new system for water utlization in Australia. Vizugyi kozl no.2:331-337 '60.

1. "Vizugyi Kozlemenyek" rovatvezetoje.

STAROSOLSZKY, Odon

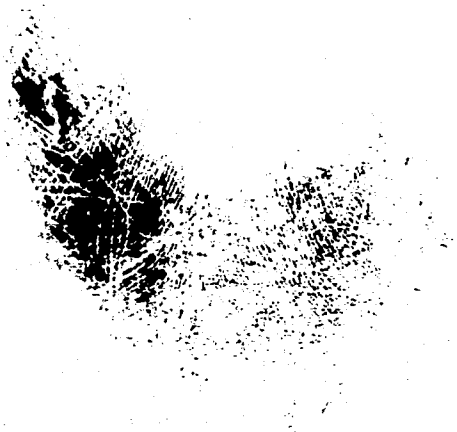
Automatic installations for the supply and distribution of irrigation water. Vizugyi kozl no.3:398-427 '60.

1. "Vizugyi Kozlemenyek" rovatvezetoje.

STARCSOLSZKY, Odon

Making the Niger River navigable. Vizugyi kozl no.3:509-516 '60.

1. "Vizugyi Kozlemenyek" rovatvezetoje.



STAROSOLSZKY, Odon

Report on the 4th Madrid Congress of the International Commission on Irrigation and Drainage (ICID). Hidrologiai kozlony 40 no.5:416 O '60.

STAROSOLSZKY, Odon

The Logis-Neuf barrage on the Rhone River. Vizugyi kozl no.1: 113-120 '61.

1. "Vizugyi Kozlemenyek" rovatvezetoje.

STAROSOLSZKY, Odon, okleveles mernok, tudomanyos munkatars

Chapters from the water economy of Spain. Vizugyi kozl no.2:150-165 '61.

1. Vizgazdalkodasi Tudomanyos Kutato Intezet; "Vizugyi Kozlemenyek" rovatvezetoje.

STAROSOLSZKY, Odon, okleveles mernok, tudomanyos munkatars

Wave hydraulics. Vizugyi kozl no.3:293-312 '61.

1. Vizgazdalkodasi Tudomanyos Kutato Intezet; "Vizugyi Kozlemenyek" rovatvezetoje.

LACZKO, Agnes; STAROSOLSZKY, Odon

The mantle-type water distributer and its field investigation.
Hidrologiai kozlony 41 no.1:17-23 F '61.

1. Vizgazdalkodasi Tudomanyos Kutato Intezet, Budapest.

VAGAS, Istvan; STAROSOLSZKY, Odon

Society and technical news. Hidrologiai kozlony 41 no.1:23,30, 42,74,84 F '61.

1. "Hidrologiai Kozlony" szerkeszto bizottsagi tagja es rovatvezetoje (for Vagas). 2. Vizgazdalkodasi Tudomanyos Kutato Intezet (for Starosolszky).

LACZKO, Agnes; STAROSOLSZKY, Odon

Peak power generating experiments at the Tiszalok Hydro-electric Station. Hidrologiai kozlony 43 no.4:310-317 Ag'63.

1. Vizgazdalkodasi Tudomanyos Kutato Intezet, Budapest.

KRANICZ, Laszlo; MISZKALAY, Laszlo; STAROSOLSZKY, Odon

New instruments for local hydraulic tests. Hidrologiai kozlony 44 no. 2:73-79 F '64.

1. Scientific Research Institute of Water Resources Development, Budapest.

HERNADY, Alajos, mernok, fomernok; STAROSOLSZKY, Odon, mernok

Field investigation at Tiszalok barrage. Vizugyi kozl no.3:377-414 '64.

1. Scientific Division Chief, Scientific Research Institute of Water Resources Development, Budapest (for Starosolszky).

STAROSOLSZKY, Odon, mernok

Chapters from the water economy of Great Britain. Vizugyi kozl no.3:491-501 '64.

1. Scientific Division Chief, Scientific Research Institute of Water Resources Development, Budapest.

MUSZKALAY, Laszlo; STAROSOLSZKY, Odon

Movements on Lake Balaton caused by wind. Hidrologiai kozlony 44 no.3:337-344 Ag '64.

1. Scientific Research Institute of Water Resources Development, Budapest.