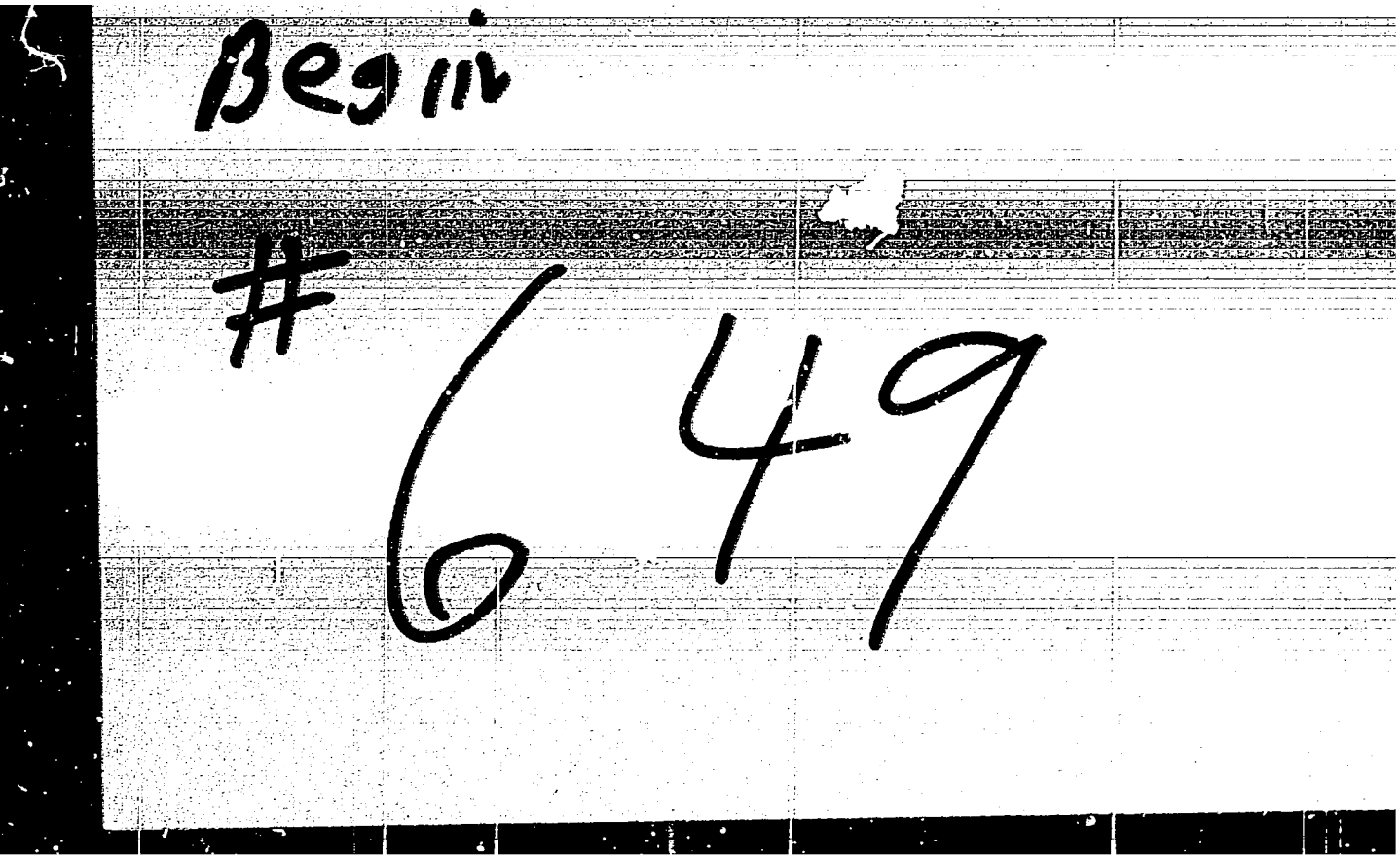


VERETENNIKOV, A.V.

ZHEMCHUZHNIKOV, Ye.A.; VERETENNIKOV, A.V.; KOTEL'NIKOVA, A.P.

Determining the transpiration capacity of pine crowns. Fiziol. rast. 2 no.4:397-399 Jl-Ag'55. (MLRA 8:12)

1. Laboratoriya fiziologii rasteniy Lestoekhnicheskoy akademii imeni S.M.Kirova, Leningrad
(Pine) (Plants--Transpiration)

- VERETENNIKOV, A.V.

USSR/Forestry - Forest Biology and Typology. K-1

Abs Jour : Ref Zhur - Biol., No 20, 1958, 91493

Author : Veretennikov, A.V.

Inst : Leningrad Forest Technology Academy.

Title : The Structure and Functioning of the Pine Root System in Connection with Temporary Excessive Soil Moisture.

Orig Pub : Tr. Leningr. lesotekhn. akad., 1957, vyp. 82, ch. 1, 137-150.

Abstract : The investigations were carried out in 50 year old pine-tree plantations (Okhtenskiy Leskhoz, Leningradskaya Oblast) of the pine tree sphagnum moss-bilberry shrub (test area had strong periodic soil moistening) and pine-plus bilberry wood (control area) forest types. The root system of the pine-trees on the experimental plot had the following surface character: an overwhelming majority

Card 1/2

- 6 -

USSR/Forestry - Forest Biology and Typology.

Abs Jour : Ref Zhur - Biol., No 20, 1958, 91493

oftthe roots settle in the layer in the upper 15 cm of soil due to a lack of oxygen in the soil moisture. It was found that during the moist period (early spring and autumn) and resultant anaerobiosis, considerable root mass perished. The weight of the dead roots on the experimental plot exceeded the weight of the living ones by several times. Reduced forest productivity appears simultaneously with the damp period. With an improvement in soil aeration during the summer period, a quick and massive regeneration of the roots was observed, and the productivity of the tall stand increased. The process of adventitious root formation is described and facts are compiled on anatomical and physiological activity of regenerating roots. The author claims that the regeneration of the root system of the pine tree is a major factor, which contributes to the growht of pine trees on occasionally excessively moistened areas. The expediency of draining those areas is noted. -- V.F. Lebkov

Card 2/2

VERETENNIKOV, A.V

VERETENNIKOV, A.V. Cand Biol Sci -- (diss) "Structure and Function the Performance of Root System of Pine Trees in Connection with Temporary Excess Moisture in the Watering of Soil", Len, 1958, 16 pp (Ministry of Education RSFSR. Len State Pedagogical Inst im A.I. Gertsen. Chair of Botany). 100 copies (KL 10-58, 119).

- 15 -

VERETENNIKOV, A.V., kand.biolog.nauk

Algae as pioneers of burnt-over forests. Priroda 52 no.2:105 '63. (MIRA 16:2)

1. Institut lesa i lesokhimii AN SSSR, Moskva.
(Archangel Province--Algae) (Forest ecology)

VERETENNIKOV, Anatoliy Vasil'yevich; SKAZKIN, F.D., doktor biol. nauk, otv. red.

[Effect of temporary excessive moisture on physiological processes in woody plants] Vliianie vremennogo izbytochnogo uvlazhneniia na fiziologicheskie protsessy drevesnykh rastenii. Moskva, Nauka, 1964. 86 p. (MIRA 17:9)

VERETENNIKOV, A.V.; BURMINA, L.N.

Effect of the time of felling on the physiological processes in spruce growth in clear-cut areas. Dokl. AN SSSR 148 no.6:1422-1424 F '63. (MIRA 16:3)

1. Predstavleno akademikom A.L.Kursanovym.
(Vinogradovskiy District--Spruce)
(Plant physiology)

VERETENNIKOV, A.V.

Senescence and regeneration of the root system of Pinus silvestris L. as related to the supply of atmospheric oxygen in the layer of soil penetrated by roots. Bot. zhur. 44 no.2:202-209 F '59.
(MIRA 12:6)

(Pine) (Roots (Botany)) (Soil aeration)

VERETENNIKOV, A.V.

Effect of excessive soil moisture on the transpiration capacity of woody plants. Fiziol. rast. 11 no.2:274-278 Mr-Ap '64. (MIRA 17:5)

1. Institut lesa i lesokhimii Gosudarstvennogo komiteta Soveta Ministrov RSFSR po koordinatsii nauchno-issledovatel'skikh rabot, Arkhangel'sk.

VERETENNIKOV, A.V.

Significance of the photosynthesis of temporarily flooded plants of common haircap moss sphagnum in forests and clearings. Dokl.AN SSSR 138 no.6:1467-1469 Je '61. (MIRA 14:6)

1. Institut lesa i lesokhimii AN SSSR. Predstavleno akademikom V.N.Sukachevym.
(Mosses) (Photosynthesis) (Forest ecology)

VERETENNIKOV, A.V.

VERETENNIKOV, A.V.

Using potometer to determine the active surface of root tips in pines [with summary in English]. Fiziol. rast. 4 no.6:566-569 N-D '57. (MIRA 10:12)

1. Lesotekhnicheskaya akademiya im. S.M. Kirova, Leningrad. (Pine) (Plants--Absorption of water) (Botanical apparatus)

VERETENNIKOV, B.G.

A new type of eolian relief in the northwestern part of the Kyzyl Kum. Izv.Uzb.fil.Geog.ob-va 6:179 '62. (MIRA 15:8)
(Kyzyl Kum--Sand)

VERETENNIKOV, B.G.

"Chokolaks" (knolls) of the Mynbulak Plain. Trudy Uz. geol. upr. no.2:103-105 '62. (MIRA 16:8)

(Mynbulak Plain--Sand)

L 29619-66 EWP(m)/EWT(1)/T-2 IJP(c)
ACC NR: AP6014077 SOURCE CODE: UR/0294/66/004/002/0285/0286

71
B

AUTHOR: Veretennikov, B. N.

ORG: Branch Office of the All-Union Scientific-Research Institute of Electromechanics (Filial Vsesoyuznogo nauchno-issledovatel'skogo instituta elektromekhaniki)

TITLE: Motion of a conducting dissociating gas in a constant-cross-section channel placed in a magnetic field

SOURCE: Teplofizika vysokikh temperatur, v. 4, no. 2, 1966, 285-286

TOPIC TAGS: magnetohydrodynamics, MHD generator

ABSTRACT: A stationary flow of the gas in a rectangular channel is theoretically considered. A constant magnetic field is applied at right angles to the insulating channel walls. The conducting walls are connected to a load. No external voltage is applied. Equation of energy conservation, momentum conservation, state, continuity, and dissociation (vs. pressure and temperature) were set up; these five equations were integrated on a digital computer and the results were compared with those for a nondissociating gas. It was found that: (1) The dissociation causes an additional acceleration and heating of gas and (2) It lowers the entalpy conversion factor. Orig. art. has: 11 formulas and 1 table.

SUB CODE: 10,20 SUBM DATE: 18Jun65 / ORIG REF: 000 / OTH REF: 002

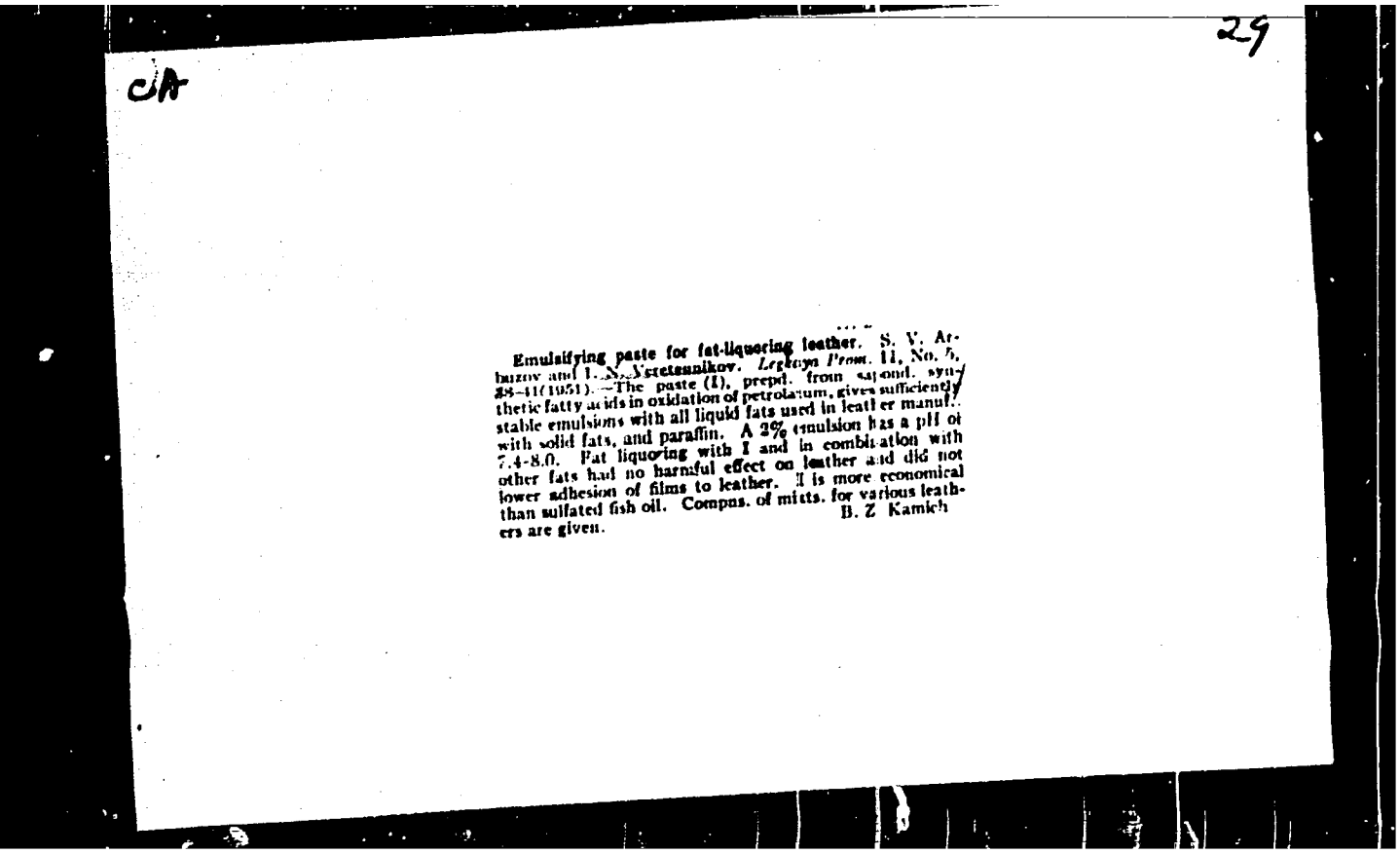
UDC: 538.4

Card 1/1 CC

Tanning with chestnut extracts. I. VUKBIKNNIKOV. *Vestnik Kozhevennoi Prom. Torgov.* 1929, 430; *Chem. Zentr.* 1930, II, 3494.—The Italian chestnut ext. "Sati" and the Jugoslavian ext. "slsak" contain: tannins 61.7-61.0, 68.1, nontannins 20.0-22.3, 15.7% and have p_H 3.74-3.01., 4.08, resp. Several precautions have to be taken in using these exts.

ALFRED BURGER

ASM-SLA METALLURGICAL LITERATURE CLASSIFICATION

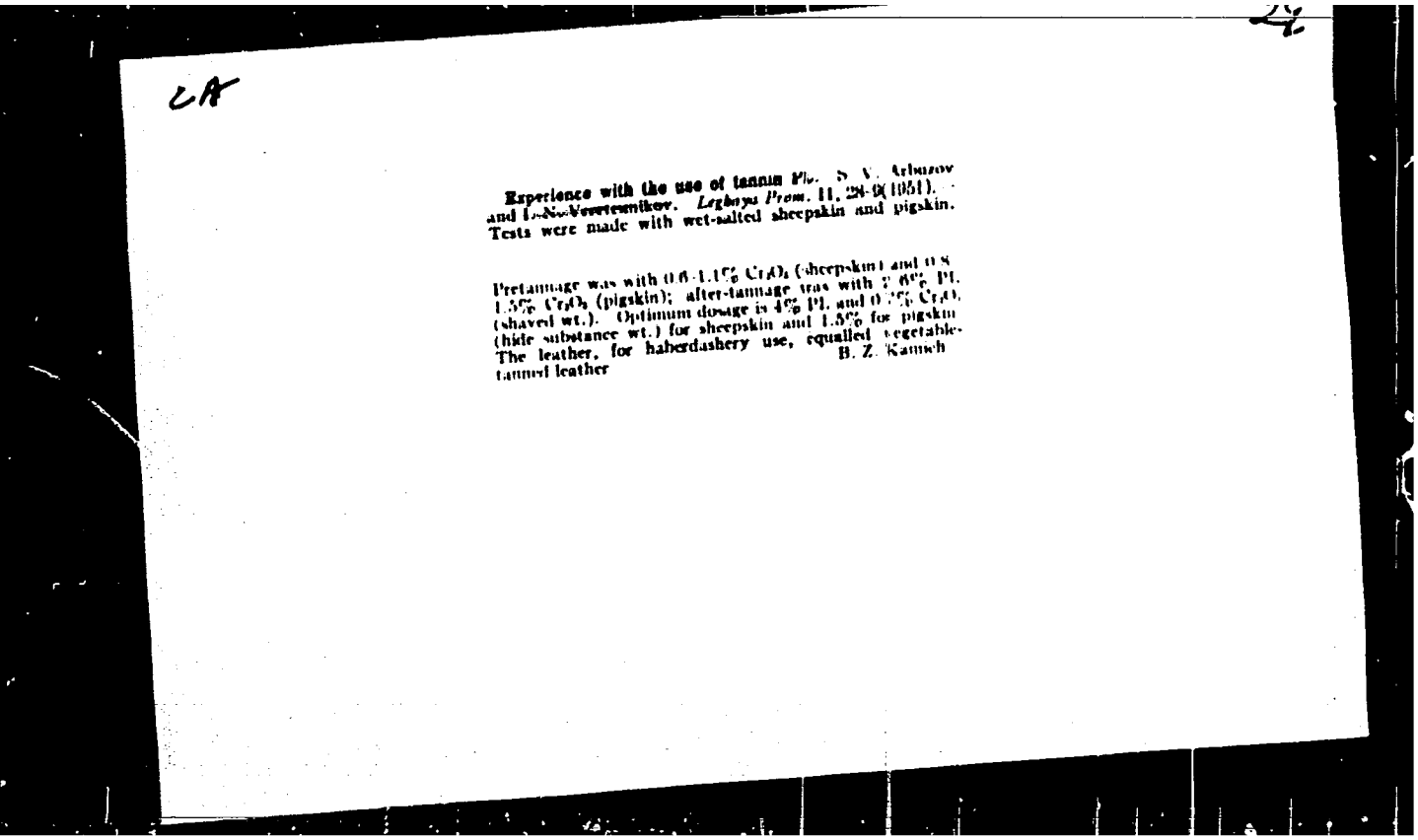


29

CA

Emulsifying paste for fat-liquoring leather. S. V. Arbuzov and I. N. Vretennikov. *Legkaya Prom.* 11, No. 5, 38–41(1951).—The paste (I), prepd. from sapond. synthetic fatty acids in oxidation of petrolatum, gives sufficiently stable emulsions with all liquid fats used in leather manuf. with solid fats, and paraffin. A 2% emulsion has a pH of 7.4–8.0. Fat liquoring with I and in combination with other fats had no harmful effect on leather and did not lower adhesion of films to leather. I is more economical than sulfated fish oil. Compns. of mixts. for various leathers are given.

B. Z. Kamich

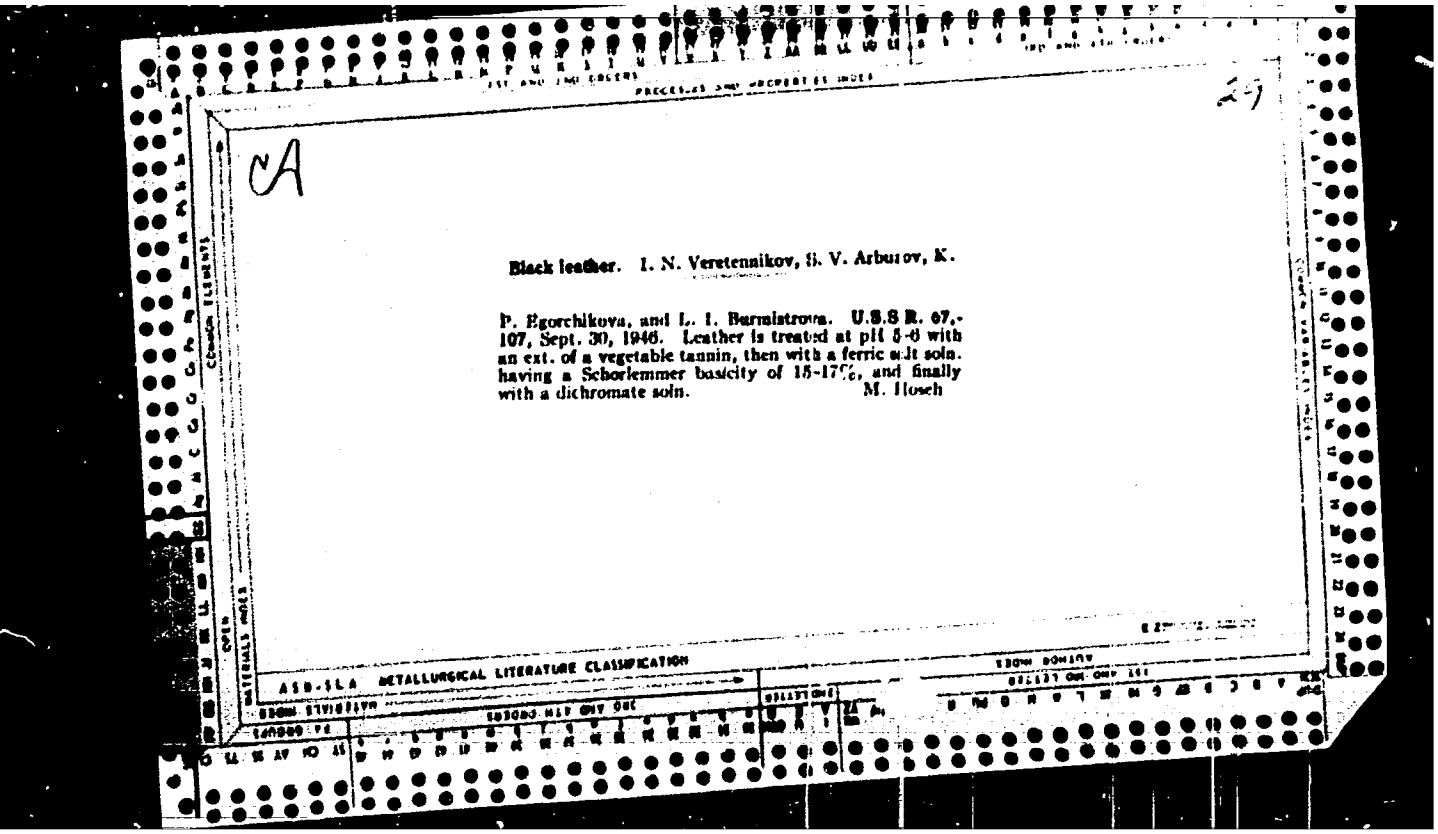


CA

Experience with the use of tannin Pl. S. V. Arbuzov and I. N. Veretennikov. *Legkaya Prom.* 11, 28-9(1951). Tests were made with wet-salted sheepskin and pigskin.

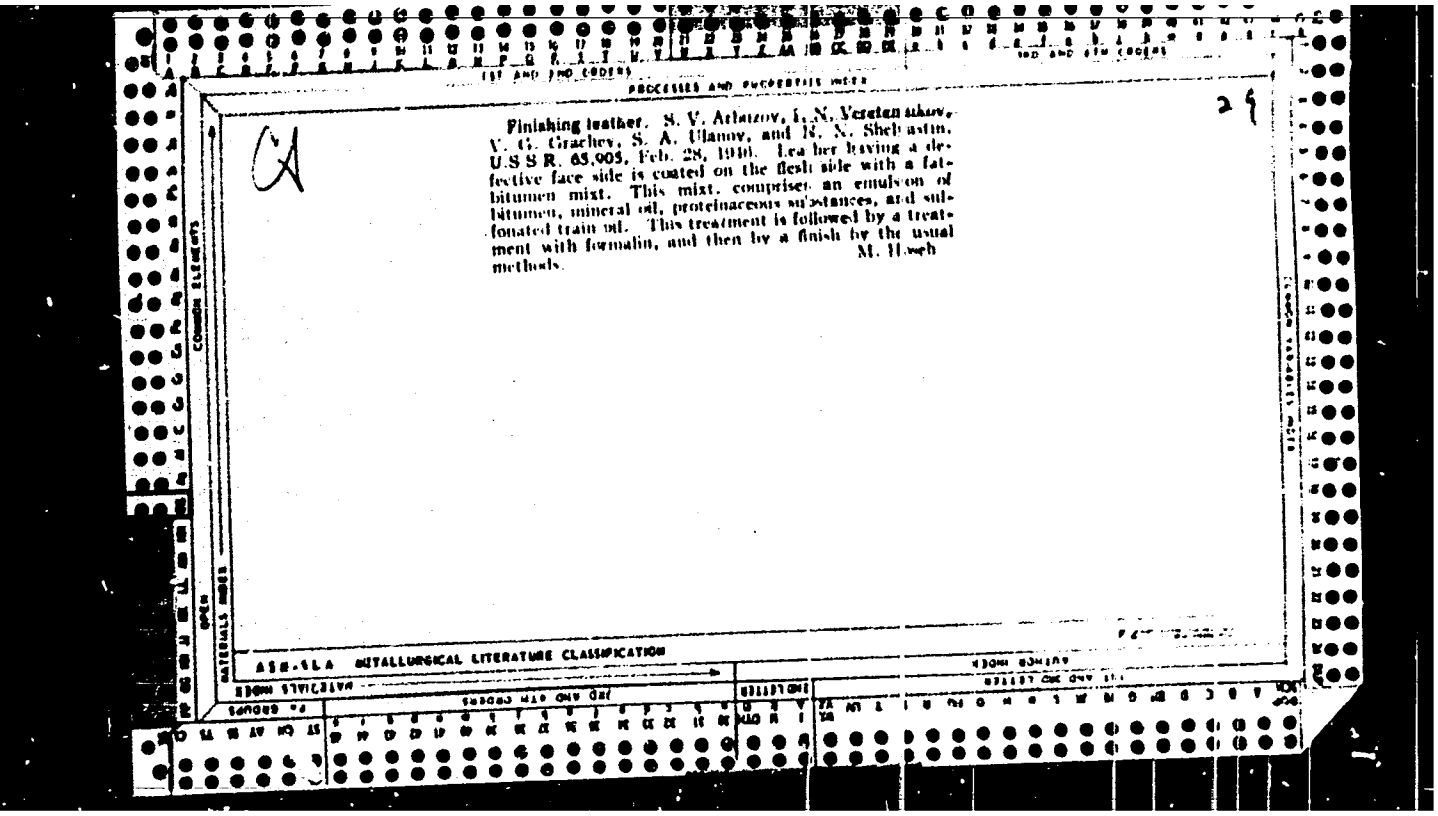
Pretanning was with 0.6-1.1% Cr_2O_3 (sheepskin) and 0.8-1.5% Cr_2O_3 (pigskin); after-tanning was with 2.6% Pl. (shaved wt.). Optimum dosage is 4% Pl. and 0.7% Cr_2O_3 (hide substance wt.) for sheepskin and 1.5% for pigskin. The leather, for haberdashery use, equalled vegetable-tanned leather

B. Z. Kanner



CA

Black leather. I. N. Veretennikov, B. V. Arbusov, K. P. Egorchikova, and L. I. Barmistrova. U.S.S.R. 67,-107, Sept. 30, 1946. Leather is treated at pH 5-6 with an ext. of a vegetable tannin, then with a ferric salt soln. having a Schorlemmer basicity of 15-17%, and finally with a dichromate soln. M. Hosch



Finishing leather. S. V. Arkazov, I. N. Vereten nikov, V. G. Grachev, S. A. Ulanov, and F. N. Shebastin. U.S.S.R. 65,905, Feb. 28, 1946. Lea ther having a defective face side is coated on the flesh side with a fat-bitumen mixt. This mixt. comprises an emulsion of bitumen, mineral oil, proteinaceous substances, and sulfonated train oil. This treatment is followed by a treatment with formalin, and then by a finish by the usual methods.

M. Hsch

ca

29

A new source for the production of basic salts for tanning. I. N. Veretennikov. *Sbornik Obmena Opyt. Kozhevenno-Obuvnoi i Stroitel. Prom.* 1939, No. 5, 23-5; *Khim. Referat. Zhur.* 1940, No. 1, 135.—The basic Cr sulfates for tanning can be obtained from the waste products of the manuf. of dichlorobenzoic acid, synthetic camphor, acriquine, etc. The content of Cr_2O_3 in these waste products varies from 63 to 97 g./l. The Cr wastes are filtered, and the filtrate is pumped into vats to which known amts. of $K_2Cr_2O_7$ and a glucose soln. are added. After the complete reduction of the soln. the liquid is evapd. *in vacuo*, and the product dried. W. R. Henn

ASM-SLA METALLURGICAL LITERATURE CLASSIFICATION

BCS

1137. Automatic feeding of ball mills—I. S. [illegible] (*Ogneupory*, 16, 422, 1951). The feeder is of the electrical type. (2 figs.)

VERETENNIKOV, I.S.; KULAGIN, V.M.

Automatizing the preparation of mixtures in mixing machinery. (MLRA 11:8)
Ogneupory 19 no.1:24-28 '54.
(Refractory materials) (Mixing machinery)

VERETENNIKOV, L.A.

AID P - 871

Subject : USSR/Engineering

Card 1/1 Pub. 29 - 4/23

Author : Veretennikov, L. A., Eng.

Title : Installation of a separator on the coal return conduit into the ball mill

Periodical : Energetik, 10, 9-10, O 1954

Abstract : The author briefly describes such an installation equipped with an additional separator. One drawing.

Institution : Not given

Submitted : No date

VERETENNIKOV, L.A., inzhener.

Separator arrangement for the return of coal to the ball-drum mill. (MLRA 7:10)
Energetik 2 no.10:9-10 O '54.
(Milling machinery)

YANKO-TRINITSKIY, A.A., doktor tekhn.nauk, prof.; ABRAMOVICH, G.P., inzh. (Gomel'); NEDELKU, V., kand.tekhn.nauk, dotsent; KARPOV, G.V.; VERETENNIKOV, L.P., kand.tekhn.nauk, dotsent (Leningrad); VIIESOV, D.V., kand.tekhn.nauk, dotsent (Leningrad); ALYAB'YEV, M.I., doktor tekhn.nauk, prof. (Leningrad)

Equations and fundamental relationships in the theory of synchronous machines. Elektrichestvo no.7:81-85 Jl '62. (MIRA 15:7)

1. Ural'skiy politekhnicheskiy institut imeni Kirova (for Yanko-Trinitskiy). 2. Bukharestskiy politekhnicheskiy institut, Rumyniya (for Nedelku). 3. Institut elektromekhaniki (for Karpov).
(Electric machinery, Synchronous)

VERETENNIKOV, L P.

AUTHORS: 1)Gorodskiy, D. A., Professor, Doctor of Technical Sciences, Volchkov, I. Ye., Engineer
2)Ivanov-Smolenskiy, A. V., Docent, Candidate of Technical Sciences
3)Veretennikov, L. P., Docent, Candidate of Technical Sciences, Barinov, N. G., Docent, Candidate of Technical Sciences, Babushkin, M. N., Candidate of Technical Sciences
Potapkin, A. I., Engineer
(Leningrad)

SOV/105-58-9-19/34

TITLE: Dynamic Models of Power Systems (O dinamicheskikh modelyakh energosistem)

PERIODICAL: Elektrichestvo, 1958, Nr 9, pp 80 - 82 (USSR)

ABSTRACT: Remarks concerning the paper by I.S.Bruk in Elektrichestvo, 1958, Nr 2. 1) According to the paper, the methods of using mathematical and physical models are contrary to each other. It is shown here that this is not correct and that a reasonable coordination of the two methods should rather be aimed at. 2) The author follows the opinion of M.P.Kostenko, V.A.Venikov and N.N.Shchedrin, and points out that for investigating transients in

Card 1/2

electric power systems one should combine the results gained with dynamic models with those obtained by the use of electronic digital computers. 3) The authors ask for a combined use of dynamic models and computers. They show that even in such fields where digital computers prevail, one cannot do without dynamic models. There are 3 Soviet references.

ASSOCIATION: 1)Nauchno-issledovatel'skiy institut elektrotekhnicheskoy promyshlennosti (Scientific Research Institute of Electrical Industry)2) Moskovskiy energeticheskiy institut (Moscow Institute for Power Engineering)

VERETENNIKOV, Leonid Porfir'yevich; POTAPKIN, Aleksandr Ivanovich; RAIMOV, Mikhail Mikhaylovich; VENIKOV, V.A., doktor tekhn. nauk, prof., laureat Leninskoy premii, retsenzent; SHIROKHOV, Ye.I., nauchn. red.; OZEROVA, Z.V., red.

[Modeling, computer techniques, and transient processes in electric ship propulsion systems] Modelirovanie, vychislitel'naia tekhnika i perekhodnye protsessy v sudovykh elektroenergeticheskikh sistemakh. Leningrad, Sudostroenie, 1964. 383 p. (MIRA 18:1)

L 61969-65

AM5010322 BOOK EXPLOITATION UR/ 629.12.066:681.14 B1

Veretennikov, Leonid Porfir'yevich; Potapkin, Aleksandr Ivanovich; Raimov, Mikhail Mikhaylovich

Modeling, computer engineering, and transfer processes in electric power systems on ships (Modelirovaniye, vychislitel'naya tekhnika i perekhodnyye protsessy v sudovykh elektroenergeticheskikh sistemakh), Leningrad, Izd-vo "Sudostroyeniye", 1964. 383 p. illus., biblio. 2,300 copies printed.

TOPIC TAGS: shipbuilding engineering, model, electric equipment, electric power engineering, computer technology, analog computer, digital computer, electrodynamics, differential equation, similarity theory

PURPOSE AND COVERAGE: The book attempts to systemize experience in the application ... facilities for the investigation and calcu-

L 01908-67

AM5010322

use various means of modeling and computer engineering for the calculation and investigation of transient processes in the ship's electric power system. The calculations are based on Gorev-Park differential equations. The book is intended for electrical engineers of the shipbuilding industry and students specializing in corresponding fields in order to acquaint them with the possibilities and methods of using modeling and computer engineering facilities in the process of designing and investigating electric power systems on ships.

TABLE OF CONTENTS (abridged):

L 61968-65

AM5010322

Ch. VII. Joint use of modeling and computer engineering facilities -- 349
Supplement -- 369
Bibliography -- 379

SUB CODE: DP, EE SUBMITTED: 08Sep64 NO REF SOV: 070

OTHER: 005

dm

Card 3/3

VERETENNIKOV, Leonid Porfir'yevich, kand. tekhn. nauk, dotsent; RAIMOV, Mikhail Mikhaylovich, kand. tekhn. nauk, starshiy nauchnyy sotrudnik

Use of an analog computer in studying the stability of a synchronous generator in the small. Izv. vys. ucheb. zav.; elektromekh. 5 no.7:796-809 '62. (MIRA 15:10)

(Electric generators)
(Electronic analog computers)

85-57-12-10/29

AUTHOR: Veretennikov, M., Master of Sports

TITLE: At the Hungarian National Gliding Competitions (Na natsional'nykh vengerskikh planernykh sorevnovaniyakh)

PERIODICAL: Kryl'ya rodiny, 1957, Nr 12, p 9 (USSR)

ABSTRACT: The author, a participant in the contests, describes the Hungarian National gliding competitions attended by sportsmen from six countries: Hungary, Bulgaria, Poland, Romania, Yugoslavia, and the USSR. He comments on the ease with which the gliders used in the contests can be assembled and transported, and mentions their superior equipment which permits them to fly under any weather conditions. He especially praises the superior Yugoslav two-seater Koshava glider, the Hungarian single-seaters Der-2 and Shiray, and the latest model of the Polish Lastochka glider.

AVAILABLE: Library of Congress

Card 1/1 1. Gliders performance

VERETENNIKO", M., zasluzhennyy master sporta

Long-distance soaring flight. Kryl. rod. 15 no.6:20-22 Je'64. (MIRA 17:6)

GLADKOV, N., zasluzhennyy master sporta; RATSENSKAYA, M., zasluzhennyy master sporta; IL'CHENKO, V., zasluzhennyy master sporta; VERSTENNIKOV, M., master sporta; OSTROVSKIY, P., master sporta; ZUBOVA, V., master sporta; CHERNOV, B., master sporta; ZAYTSEV, S., master sporta; PISTOLENKO, V., master sporta; POCHERNIN, V., master sporta

Toward new sportive achievements. Kryl.rod. 13 no.4:7 Ap '62. (MIRA 15:5)

(Aerial sports)

IL'CHENKO, V., zasluzhennyy master sporta; VERETENNIKOV, M., master sporta; SAMOSADOVA, A., master sporta; NASONOVA, T., master sporta; FILYUSHIN, A., master sporta

Let us take off the roads in the clouds. Kryl. rod. 14 no.5:2 My '63. (MIRA 16:7)

(Gliding and soaring)

Veretennikov, N.

VERETENNIKOV, M., master sporta.

At national Hungarian competitions in gliding. Kryl. rod. 8 no.12: 9 D '57. (MIRA 10:12)

(Gliding and soaring)

VERETENNIKOV, N. N.

Organization of mass production of one and two-storied houses. Moskva, Izd-vo Ministerstva kommunal'nogo khoziaistva RSFSR, 1951. 92 p. (51-37043)

TH35.V4

ACCESSION NR: AP4042508 S/0182/64/000/007/0016/0018

AUTHOR: Sakharov, G. S., I. P. Tsipulin, S. M. Polyak, and S. V. Veretennikov

TITLE: Some problems in SAP sheet forming

SOURCE: Kuznechno-shtampovochnoye proizvodstvo, no. 7, 1964, 16-18

TOPIC TAGS: SAP, SAP sheet, SAP sheet forming, SAP sheet explosive forming, explosive forming

ABSTRACT: Aluminum clad SAP sheets with thicknesses up to 3 mm have more or less satisfactory formability at room temperature (uncld SAP sheets cannot be formed below 300C). Two methods of applying the aluminum cladding have been developed [conditions not specified], with one of them producing much better formability than the other. In deep drawing tests performed with aluminum clad SAP sheets 1 and 2 mm thick, reductions as high as 80 and 41%, respectively, were obtained. Corresponding figures for flanging tests were 14 and 14%.

Card 1/2

ACCESSION NR: AP4042508

The minimum bending radius for sheets 1--3 mm thick varies from 4 to 3 sheet thicknesses for both longitudinal and transverse specimens. Dish-shaped end closures 345 mm in diameter and 75 mm deep were formed from a blank 440 mm in diameter and 2 mm thick by explosive forming, hydrostatic pressure, or by conventional die forming. No difficulties were encountered in explosive forming. Satisfactory results were also obtained in forming with hydrostatic pressure applied in steps with complete pressure release after each step. Conventional die forming produced unsatisfactory results. Orig. art. has: 3 figures and 3 tables.

ASSOCIATION: none

SUBMITTED: 00	ATD PRESS: 3085	ENCL: 00
SUB CODE: MM, IE	NO REF SOV: 001	OTHER: 000

Cord 2/2

L 11220-66 EWT(1)/EWT(m)/EWP(1)/FCS(k)/FSS-2 RM/WW/JW/JWD

ACC NR: AP6004424 SOURCE CODE: UR/0414/65/000/003/0003/0009

AUTHOR: Veretennikov, V. A. (Moscow); Dremin, A. N. (Moscow); Shvedov, K. K. (Moscow)

ORG: none

TITLE: Determination of the detonation parameters of condensed explosives

SOURCE: Fizika goreniya i vzryva, no. 3, 1965, 3-9

TOPIC TAGS: condensed explosive, detonation velocity, detonation pressure

ABSTRACT: To determine the effect of the explosive density ρ and charge diameter d on the detonation parameters of condensed explosives, the detonation velocity D, mass velocity u_1, pressure p_1, reaction time τ, and the width of the reaction zone a were measured in charges of trinitrotoluene (TNT) with ρ = 0.8--1.59 g/cm^3, d = 22.5—600 mm, and the charge length-diameter ratio h/d = 2.25—9.75. In TNT charges with ρ = 1.59 g/cm^3 and d = 60 mm, an h/d ratio above 2.25 has no effect on the detonation parameters. A comparison of pressure and reaction time data obtained for TNT charges by different methods showed that while for TNT charges with d = 100 mm and ρ = 0.8 g/cm^3, the reaction time measured by the electromagnetic method was 0.68 μsec at p_1 = 41,700 atm, for charges of the same density and d = 200 mm, τ was 0.23 μsec at p = 51,900 atm., when measured by the propelled plate method. This considerable decrease in the reaction time cannot be attributed to the pressure increase. Therefore, it is suggested that the decrease in the reaction time measured by the propelled metal

Card 1/2 UDC: 534.222.2

L 14220-66

ACC NR: AP6004424

plate method is due to the effect of a reflected shock wave on the explosive-metal plate interface, and this must be taken into account. The reaction time decreased as the pressure in the reaction zone increased. The effect of the reflected wave decreased as the initial densities of the explosives increased. In this case, similar results are obtained by both methods. The use of thin metal plates also decreases the effect of the reflected shock wave on the pressure in the reaction zone, and, consequently, on the reaction time. The mass velocity profile for the detonation wave of condensed explosives has a clearly defined peak, which was predicted by the hydrodynamic theory (Ya. B. Zel'dovich, ZhETF, 1940, 10, 542). It can be identified with the chemical reaction zone. Analysis of the curves of the relationship $a = a(1/d)$ showed that even when $d = \infty$, a and τ are finite. Orig. art. has: 4 tables and 6 figures. [PS]

SUB CODE: 19/ SUBM DATE: 15Jan65/ ORIG REF: 009/ OTH REF: 002/ ATD PRESS: 4195

Card 2/2

PARFENOV, A.P., inzh.; NIFANT'YEV, A.D., inzh.; VERETENNIKOV, V.A., inzh.

Using pipe-laying machinery in assembling mine hoisting equipment. Shakht. stroi. 8 no.9:25 S '64. (MIRA 17:12)

1. Korkinskoye stroitel'no-montazhnoye upravleniye tresta Soyuzshakhtospetsmontazh (for Parfenov). 2. Shakhta No.47 tresta Kopeyskugol' (for Nifant'yev, Veretennikov).

VERETENNIKOV, V., kand.tekhn.nauk, starshiy nauchnyy sotrudnik;
SELIVERSTOV, V., kand.tekhn.nauk, starshiy nauchnyy sotrudnik;
PEKISHEV, Yu.

Automatic control of the firing equipment of marine fire-tube boilers. Mor.flot 19 no.12:16-18 D '59. (MIRA 13:3)

1. TSentral'nyy nauchno-issledovatel'skiy institut morskogo flota (for Verstennikov). 2. Leningradskiy institut vodnogo transporta (for Seliverstov). 3. Nachal'nik Tekhnicheskogo otdela Upravleniya Murmanskogo tralovogo flota (for Pekishev).
(Boilers, Marine--Firing) (Automatic control)

VERETENNIKOV, V.

Material self-interest and reducing the waste. Sots. trud 8 no.6:47-49 Je '63. (MIRA 16:9)
(Tambov--Wages--Machinery industry workers)
(Tomus system)
(Tambov--Machinery industry--Management)

VERETENNIKOV, V.

"Firebox arrangements in marine steam boilers" by N.Kuznetsov, M.Lebedev. Reviewed by V.Veretennikov. Mor.flot 21 no.5:45 My '61. (MIRA 14:5)

1. Zaveduyushchiy topochnoy laboratoriyey Tsentral'nogo kotloturbinnogo instituta. (Boilers, Marine) (Kuznetsov, N.) (Lebedev, M.)

DREMIN, A.N.; SHVEDOV, K.K.; VERETENNIKOV, V.A.

Study of the detonation of PzhV-20 ammonite and some other explosives. Vzryv. delo no.52/9:10-25 '63. (MIRA 17:12)

MINGALEV, Yu.A.; VERETENNIKOV, V.F.; KORLYAKOV, P.A.; KOLDOMOV, A.S.

The PL-1 conveyor-loader. Biul.tekh.-ekon.inform.Gos.nauch.-issl. inst.nauch.i tekh.inform. no.9:13-14 '63. (MIRA 16:10)

VERETENNIKOV, V.Ya.

Development and adaption of reducing gears at the Izhevsk Plant. Biul. tekh.-ekon. inform. Gos. nauch.-issl. inst. nauch. i tekh. inform. 18 no.2:58-59 F '65. (MIRA 18:5)

VERETENNIKOV Ye., kand.tekhn.nauk, izobretatel'

Automation of assembly processes with magnets. Izobr. i rats. no.1:2 of cover and 10-11 Ja '62. (MIRA 14:12)
(Machine-shop practice)
(Magnets)

VERETENNIKOV, Ye.A.; SHAGINYAN, A.S.

Universal hydraulic machine of the MUGP 1 2.5 type. Zav. lab. 31 no.1:133-135 '65. (MIRA 18:3)

1. Armavirskoye spetsial'noye konstruktorskoye byuro ispytatel'nykh mashin.

L 12786-63 BDS S/0117/63/000/006/0008/0010

ACCESSION NR: AP3002598

AUTHOR: Veretennikov, Ye. A. (Candidate of technical sciences) 48

TITLE: Assembling machine parts in a magnetic field 10

SOURCE: Mashinostroitel', no. 6, 1963, 8-10

TOPIC TAGS: automation, assembling, part magnetization, demagnetixation, basic contact form

ABSTRACT: Various methods for the utilization of magnetic fields in automation of assembly practices are reviewed by the author. The use of magnetized parts for assembling was tested at Kuyby*shevskiy politekhnicheskiy institut (Kuybyshev Polytechnic Institute). The new procedures replaced such operations as the use of bands, clamps, temporary soldering, welding, gluing, the use of heavy greases and special fixtures, all of which complicated the process of assembling. Magnetizing parts facilitated the automation of feeding, holding, moving, orientating, and cutting off. Assembling bearings, car engine valves, starter stators, and cutter bits is cited as an example of the new technique. Demagnetization of assembled moving parts must be attended to, but is not necessary for stationary parts. The form of contact between a part and its seat is an important factor in aligning the magnetized detail in its proper position. Figure 1 (see enclosure) shows the

Card 1/2

L 12786-63
ACCESSION NR: AP3002598

classification of basic contact forms. The author concludes that the force between a magnetized part and its seat increases with the ratio of the length of the part to its transverse section. Orig. art. has: 11 figures.

ASSOCIATION: none

SUBMITTED: 00 DATE ACQ: 12Jul63 ENCL: 02

SUB CODE: 00 NO REF SOV: 001 OTHER: 000

Card 2/2

VERETENNIKOV, Ye.A., kand. tekhn. nauk

Assembly of parts in a magnetic field. Mashinostroitel' no.6:8-10 Je '63. (MIRA 16:7)

(Machine-shop practice)

ANISIMOV, B.V., doktor tekhn. nauk, prof. (Moskva); KURGANOV, V.D., kand. tekhn. nauk (Moskva); KHOMYAKOV, K.S., inzh. (Moskva); VERETENNIKOV, Yu.N., inzh. (Moskva); NIGAY, A.A., inzh. (Moskva)

Digital display device using a typotron. Elektrichestvo no.8: 52-56 Ag '63. (MIRA 16:10)

KONETSKIY, N.V.; VERETENNIKOVA, A.V.

Operating a high-temperature tunnel kiln on natural gas.
Ogneupory 26 no.9:404-408 '61. (MIRA 14:9)

1. Semilukskiy ogneupornyy zavod.
(Gas, Natural) (Gas as fuel) (Kilns)

PETROV, A.A.; VERETENNIKOVA, I.V.

Reagents-demulsifiers for preparing petroleums for yield of Kashpir shale tar. Trudy Giprovostoknefti no.4:137-166 '61.
(MIRA 16:8)
(Sodium sulfates)

FINKEL'SHTEYN, T.A.; NIKOLAYEVA, N.S.; KONOVALOVA, Ye.M.; KONKIN, A.A.
VERETENNIKOVA, T.P.

Cellulose grinding on a vibratory mill. Tekst. prom. 18 no.2:16-19
F '58. (MIRA 13:3)
(Cellulose)

NIKOLAYEVA, N.S.; MOGILEVSKIY, Ye.M.; VERETENNIKOVA, T.P.; LIK'KOVA, Z.K.

Spinning solutions of cellulose in quaternary ammonium bases. Khim.volok. no.4:26-29 '59. (MIRA 13:2)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut iskusstvennogo volokna.
(Rayon) (Ammonium compounds)

L 46145-66 EWT(m)/EWP(j)/T IJP(c) WW/RM

ACC NR: AP6026738 (A) SOURCE CODE: UR/0183/66/000/003/0042/0043

AUTHOR: Serkov, A. T.; Budnitskiy, G. A.; Chivilikhina, M. P.; Veretennikova, T. P.; Shishkina, N. P.; Kondrashova, I. A.; Muravleva, L. V.; Ordina, V. I.

ORG: VNIIV

34
B

TITLE: Improving the quality of viscose cord

SOURCE: Khimicheskiye volokna, no. 3, 1966, 42-43

TOPIC TAGS: cellulose, synthetic material, cellulose plastic, synthetic fiber

ABSTRACT: The details of a modified procedure for manufacturing high tensile strength viscose cords are described. In essence, the procedure consists of accelerated processes of coagulation, filtration, and cord forming. It also requires the use of high purity reagents: sulfuric acid (GOST 2184-59), and ethylene oxide- and aliphatic amine derivatives as modifiers. The modified procedure does not require any new machines, only a minor adjustment of the cord spinning procedure. It is claimed that the modified procedure is capable of yielding viscose cords with tensile strength by 50-60% greater than that manufactured elsewhere in the world. Orig. art. has: 2 figures.

SUB CODE: 11/ SUBM DATE: 28Feb66/ ORIG REF: 004

UDC: 677.463

Card 1/1

ASHIKHMIN, D.A., inzh.; VERETENNIKOV, V.F., inzh.; GLAZYRIN, I.A., inzh.; D'YAKOV, A.G., inzh.; MINGALEV, Yu.A., inzh.

Scraper conveyor with a bottom carrying arm for hauling hard, large-size ore. Gor.zhur. no.10:54-55 O '64. (MIRA 18:1)

1. Nauchno-issledovatel'skiy i proyektno-konstruktorskiy institut gornogo i obogatitel'nogo mashinostroyeniya, Sverdlovsk.

VERETENNIKOVA, V.P. (Moskva)

Tracheopathia osteoplastica. Klin.med. 35 no.4:77-82 Ap '57.
(MLRA 10:7)

1. Iz pervoy kafedry rentgenologii i radiologii (zav. - zasluzhennyy deyatel' nauki prof. S.A.Reynberg) TSentral'nogo instituta usovershenstvovaniya vrachey (dir. V.P.Lebedeva) na base ordena Lenina bol'nitsy imeni S.P.Botkina (glavnyy vrach - prof. A.N. Shabanov)

(TRACHEA, neoplasms
osteoplastic tracheopathy, clin. aspects & pathol.)

GEL'SHTEYN, V.E.; VERETENNIKOVA, V.P.

Study of the lesser circulation in pulmonary tuberculosis by the electrokymographic method. Probl. tuberk. 41 no.4:25-31 '63. (MIRA 17:2)

1. Iz rentgenologicheskogo otdeleniya bol'nitsy imeni S.P. Botkina (glavnyy vrach Yu.G. Antonov) i kafedry rentgenologii i radiologii No.1 (zav. - zasluzhennyy deyatel' nauki prof. S.A. Reynberg) TSentral'nogo instituta usovershenstvovaniya vrachey, Moskva.

TIKHONOVICH, G.S., kandidat meditsinskikh nauk; [redacted]
(Moskva)

A case of periarteritis nodosa with affection of the lungs diagnosed during life. Klin.med. 35 no.6:108-112 Je '57. (MLRA 10:8)

1. Iz pervoy terapevticheskoy kliniki (dir. - deystvitel'nyy chlen AMN SSSR prof. M.S.Vovsi) i iz pervoy kafedry rentgenologii TSentral'nogo instituta usovershenstvovaniya vrachey (zav. - zasluzhennyy deyatel' nauki prof. S.A.Reynberg) na base Klinicheskoy ordena Lenina bol'nitsy imeni S.P.Botkina (glavnyy vrach - prof. A.N.Shabanov)

(PERIARTERITIS NODOSA, diag.
pulm., diagnosed during life)
(LUNGS DISEASES, diag.
periarteritis nodosa, diag. during life)

VERETENNIKOV, V. V.

"Investigation of the Operation of Ship Furnaces with a Rabbling Plant." Cand Tech Sci, Leningrad Inst of Water Transport Engineers, Min of River Fleet USSR, Leningrad, 1955. (KL, No 9, Feb 55)

SO: Sum. No. 631, 26 Aug 55-Survey of Scientific and Technical Dissertations Defended at USSR Higher Educational Institutions (14)

VERETENNIKOV, V.V.

Foreign experience in the mechanization of coal combustion in marine and small boiler installations. Rech.transp. 15 no.8: 30-32 Ag '56. (MLRA 9:11)
(Stokers, Mechanical) (Boilers, Marine)

VERETENNIKOV, V.V., kandidat tekhnicheskikh nauk.

Aspects of the operation of a stationary stoker with a chain-driven shuttle bar. Teploenergetika 3 no.10:14-23 O '56.
(MLRA 9:11)

1. TSentral'nyy institut rechnogo flota.
(Stokers, Mechanical) (Combustion)

AID P - 5100

Subject : USSR/Engineering

Card 1/2 Pub. 110-a - 3/18

Author : Veretennikov, V. V., Kand. Tech. Sci.

Title : Peculiarities of the combustion process in stockers with a moving stirring bar.

Periodical : Teploenergetika, 10, 14-23, C 1956

Abstract : The author presents an analysis of the results of testing stokers with a stirring bar. He recommends the selection of an efficient arrangement of the bar. The stability of the combustion process is discussed. The means for a better ignition of the fuel and a greater activity of the combustion process are discussed. Table, 13 diagrams. 5 references.

AID P - 5100

Teploenergetika, 10, 14-23, O 1956

Card 2/2 Pub. 110-a - 3/18

Institution : Central Institute of River Fleet.

Submitted : No date

The production of cellulose acetate. IV. Method of evaluation of the homogeneity of cellulose acetate from the content of hemicellulose acetate. Z. A. Rogovin and G. Veretennikova. *Org. Chem. Ind.* (U. S. S. R.) [illegible]; cf. *C. A.* 32, [illegible]. To det. the insol. fraction (hemicellulose acetate) (I), stir 3.5 g. of dry shredded cellulose acetate (II) with 30 parts by wt. of 53% AcOH (± 0.5%) at 20° for 1 hr., filter through a Buchner funnel, wash the residue 2 times with hot water, then with 10% Na_2CO_3 and again 2-3 times with hot water, dry the II residue, weigh and det. I by the difference in wt. The transparency of II increases with lower I contents, the amt. of which depends on the uniformity of acetylation and aging and is independent of the II viscosity.

Chas. Blanc

ASM-SLA METALLURGICAL LITERATURE CLASSIFICATION

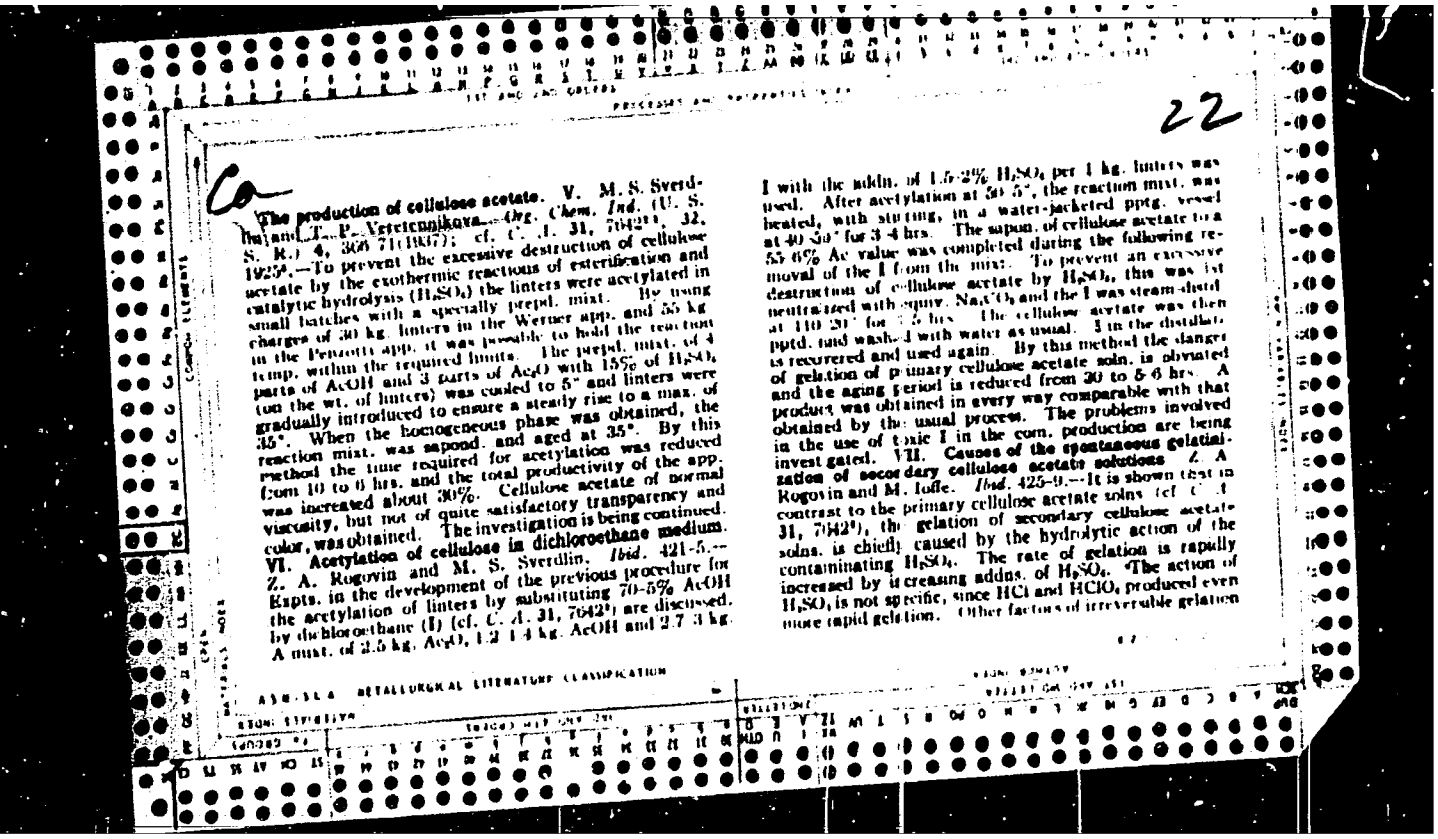
1. VERETENNIKOVA, S.A.

2. USSR (600)

4. Science

7. A nature corner in the kindergarten. Spravochnoe posobie dlia vospitatelei. Moskva, Uchpedgiz,1952

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



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Ca

The production of cellulose acetate. V. M. S. Sverdlin and T. P. Vereteunikova. *Org. Chem. Ind.* (U. S. S. R.) 4, 366-71(1938); cf. *C. A.* 31, 7042[2], 32, 1925[8].—To prevent the excessive destruction of cellulose acetate by the exothermic reactions of esterification and catalytic hydrolysis (H_2SO_4) the linters were acetylated in small batches with a specially prepd. mixt. By using charges of 30 kg. linters in the Werner app. and 55 kg. in the Penzotti app. it was possible to hold the reaction temp. within the required limits. The prepd. mixt. of 4 parts of AcOH and 3 parts of Ac_2O with 15% of H_2SO_4 (on the wt. of linters) was cooled to 5° and linters were gradually introduced to ensure a steady rise to a max. of 35°. When the homogeneous phase was obtained, the reaction mixt. was sapond. and aged at 35°. By this method the time required for acetylation was reduced from 10 to 6 hrs. and the total productivity of the app. was increased about 30%. Cellulose acetate of normal viscosity, but not of quite satisfactory transparency and color, was obtained. The investigation is being continued. **VI. Acetylation of cellulose in dichloroethane medium.** Z. A. Rogovin and M. S. Sverdlin. *Ibid.* 421-5.—Expts. in the development of the previous procedure for the acetylation of linters by substituting 70–5% AcOH by dichloroethane (I) (cf. *C. A.* 31, 7042[2]) are discussed. A mixt. of 2.5 kg. Ac_2O, 1.2–1.4 kg. AcOH and 2.7–3 kg. I with the addn. of 1.5–2% H_2SO_4 per 1 kg. linters was used. After acetylation at 50–5°, the reaction mixt. was heated, with stirring, in a water-jacketed pptg. vessel at 40–50° for 3–4 hrs. The sapon. of cellulose acetate to a 55–6% Ac value was completed during the following removal of the I from the mixt. To prevent an excessive destruction of cellulose acetate by H_2SO_4, this was first neutralized with equiv. Na_2CO_3 and the I was steam-distd. at 110–20° for 1–2 hrs. The cellulose acetate was then pptd. and washed with water as usual. I in the distillate is recovered and used again. By this method the danger of gelation of primary cellulose acetate soln. is obviated and the aging period is reduced from 30 to 5–6 hrs. A product was obtained in every way comparable with that obtained by the usual process. The problems involved in the use of toxic I in the com. production are being investigated. **VII. Causes of the spontaneous gelatinization of secondary cellulose acetate solutions.** Z. A. Rogovin and M. Ioffe. *Ibid.* 425–9.—It is shown that in contrast to the primary cellulose acetate solns. (cf. *C. A.* 31, 7042[2]), the gelation of secondary cellulose acetate solns. is chiefly caused by the hydrolytic action of the contaminating H_2SO_4. The rate of gelation is rapidly increased by increasing addns. of H_2SO_4. The action of H_2SO_4 is not specific, since HCl and $HClO_4$ produced even more rapid gelation. Other factors of irreversible gelation

VERETENNIKOVA, V.I.(Kuybyshev)

Developing the topic "Limits" in grade 9 by lessons. Mat. v shkole no. 4:18-27 Jl-Ag '58. (MIRA 11:7)
(Calculus--Study and teaching)

VERETENNIKOVA, V. P., Cand Med Sci (diss) -- "Changes in the vessels of the system of the pulmonary artery in lung cancer (X-ray-anatomical comparisons)". Moscow, 1959. 13 pp (Min Health USSR, Central Inst for the Advanced Training of Physicians), 200 copies (KL, No 11, 1960, 137)

VERETENNIKOVA, V.P.; TERENT'YEVA, N.I. (Moskva)

Disseminated form of candidamycosis of the lungs. Klin.med. no.4:138-141 '62. (MIRA 15:5)

1. Iz pervoy kafedry rentgenologii i radiologii (zav. - zasluzhennyy deyatel' nauki prof. S.A. Reynberg) TSentral'nogo instituta usovershenstvovaniya vrachey i rentgenologicheskogo otdeleniya Bol'nitsy imeni S.P. Botkina (glavnyy vrach Yu.G. Antonov).
(MONILIASIS) (LUNGS—DISEASES)

VERETENNIKOVA, V.P.

X-ray anatomical study of the pulmonary artery system in lung cancer. Nauch. rab. asp. i klin. ord. no.6:274-278 '60. (MIRA 14:12)

1. I kafedra rentgenologii (zav. zasluzhennyy deyatel' nauki prof. S.A.Reynberg) TSentral'nogo instituta usovershenstvovaniya vrachey.
(LUNGS--CANCER) (PULMONARY ARTERY)
(ANGIOGRAPHY)

USSR / General Problems of Pathology. Tumors. Comparative Oncology. Tumors of Man. U

Abs Jour: Ref Zhur-Biol., No 22, 1958, 102594.

Author : Veretennikova, V. P.
Inst : Not given.
Title : On Bone Tumor of the Trachea.

Orig Pub: Klinich. meditsina, 1957, 35, No 4, 77-82.

Abstract: In a patient (47 years old) who died after stomach resection, bone tumor of the trachea was discovered on autopsy. It is noted that bone tumors of trachea are rare (no more than 100 cases are described). In this disease, under the mucosa of the upper respiratory tract and between the cartilagenous rings of the trachea and main bronchi multiple, osseous nodules develop heterotopically. Along with this, ossification of the cartilages of the

Card 1/2

USSR / General Problems of Pathology. Tumors. Comparative Oncology. Tumors of Man. U

Abs Jour: Ref Zhur-Biol., No 22, 1958, 102594.

Abstract: trachea and bronchi themselves takes place. Intravitam diagnosis is rarely made. The most frequent symptom is hemoptysis; more rarely bronchostenosis and disorder of respiration. The only method of disease discovery is bronchoscopy, during which stenosis of the lower respiratory paths are discovered from the protrusion of nodules into the lumen of bronchi and trachea, covered by the inflammed mucossa. In higher distribution of the nodules, laryngoscopy is sufficient. The course of the disease is slow. -- N. N. Nechayev.

Card 2/2

VERETENNIKOVA, V.P. (Moskva)

Angiographic data in primary lung cancer. Klin.med. 37 no.4:89-94 Ap '59. (MIRA 12:6)

1. Iz pervoy kafedry rentgenologii i radiologii (zav. - zasluzhennyy deyatel' nauki prof.S.A.Reynberg) TSentral'nogo instituta usovershenstvovaniya vrachey (dir. V.P. Lebedeva).

(LUNG NEOPLASMS, diag.
angiography in primary cancer (Rus))
(ANGIOGRAPHY, in various dis.
cancer of lung, primary (Rus))

VERETENNIKOVA, V.P.

Symptom of laceration of a vessel in from of a stump in bronchial cancer; X-ray anatomical comparisons. Sov.med. 22 no.7:42-44 Jl '58 (MIRA 11:10)

1. Iz pervoy kafedry rentgenologii i radiologii (zav. -zaslyzhennyy deyatel' nauki prof. S.A. Reynberg) TSentral'nogo instituta usovershenstvovaniya vrachey (dir. V.P. Lebedeva) na baze Moskovskoy gorodskoy ordena Lenina klinicheskoy bol'nitsy imeni S.P. Botkina (glavnyy vrach - prof. A.N. Shabanov).

(BRONCHI, neoplasms
blood vessel pathol., x-ray-anat. comparisons (Rus))

VERETENOV, N. M.

Minimum technical requirements for the r[illegible] boiler (Paper and pulp industry) 2 ispr.i dop. izd. Moskva, Gos. nauchno-tekhn. izd-vo tsellyulozno-bumazhnoi promyshl., 1948 58 p. (51-19406)

TS1109.V4 1948

VERETENNIKOV, Yu.I.

PHASE I BOOK EXPLOITATION SOV/5482

Nauchno-tekhnicheskoye obshchestvo mashinostroitel'noy promyshlennosti. Sverdlovskoye otdeleniye

Mekhanizatsiya i avtomatizatsiya mashinostroitel'nogo proizvodstva (Mechanization and Automation in the Machine-building Industry) [illegible] 1959. 519 p. 12,000 copies printed.

Ed.: Yu. V. Pal'mov, Doctor of Technical Sciences; Tech. Ed.: [illegible] Editorial Board: P. P. Vakhrinov, Engineer, V. V. [illegible] Technical Sciences, Yu. V. Pal'mov, Doctor of [illegible] Porozhnikov, Candidate of Technical Sciences, V. V. [illegible] Technical Sciences, K. N. Sokolov, Candidate of Technical [illegible] Sokolovskiy, Candidate of Technical Sciences, N. I. [illegible] B. K. Shmayev, Candidate of Technical Sciences, and P. V. [illegible] sor.

PURPOSE: This book is intended for production engineers and personnel [illegible] in industrial planning.

COVERAGE: The material presented in this book is said to be [illegible] developed and tested in the machine-building plants of [illegible] of Siberia. Listed are various methods of [illegible] and their applications in foundries, forging shops, [illegible] Other fields of use include welding, hoisting, conveying, [illegible] quality control on an industrial scale. Various [illegible] and instruments currently used in mechanization and automation of [illegible] industrial [illegible] are described and illustrated. The equipment [illegible] is said to have been produced by the plants using their own resources. The economic aspects of mechanization and automation are discussed. There are 494 Soviet references.

Card 6/13

(23)

STEPANOV, F.N.; VERETENOVA, T.N.

Vinyl esters of terephthalic acid. Part 2. Zhur. org. khim. 1 no.8:1396-1399 Ag '65. (MIRA 18:11)

1. Shostkinskiy filial Nauchno-issledovatel'skogo kinofotoinstituta (NIKFI).

VILENSKIY, Yu.B.; VERETENOVA, T.N.; LEVI, S.M.; GUSAR', N.I.; DUSHEYKO, D.A.

Investigating the hardening properties of α,β-dichloro- and α,β-dibromoformylacrylic acids. Zhur.nauch.i prikl.fot. i kin. 6 no.5:334-337 S-O '61. (MIRA 14:9)

1. Vsesoyuznyy nauchno-issledovatel'skiy kinofotoinstitut (NIKFI).

(Photographic emulsions)

S/079/63/033/001/007/023
D204/D307

AUTHORS: Veretenova, T. N. and Stepanov, F. N.

TITLE: Synthesis of the vinyl esters of terephthalic acid

PERIODICAL: Zhurnal obshchey khimii, v. 33, no. 1, 1963, 91-94

TEXT: Esters $H_2C=CHOOC-C_6H_4-COOR$ (where $R=CH=CH_2-$, CH_3-, C_2H_5-, $n-C_4H_9-$, $\beta-ClC_2H_4-$, $n-C_8H_{17}$, and C_6H_5) were obtained by treating a suspension of mercury-bis-acetaldehyde in dichlorcethane/anh.pyridine (mixture A) with a solution of $ClOC-C_6H_4-COOR$ in dichloroethane (dropwise), stirring for one hour, filtering, washing the filtrate with water, 1% HCl, aq. $NaHCO_3$ and water, and drying over $CaCl_2$. The solutions were then freed from dichloroethane by evaporation and were distilled under vacuum. 49 - 63% yields were achieved. The divinyl ester was prepared by treating A with $ClOC-C_6H_4-COCl$. The esters polymerized in the presence of benzoyl

Card 1/2

S/079/63/033/001/007/023
D204/D307

Synthesis of the vinyl ...

peroxide or diazoaminobenzene, without a solvent, to give transparent polymers ranging from the hard polymethylvinyl terephthalate to rubbery polyoctylvinyl terephthalate. The divinyl ester gave rise to a 3-dimensional polymer insoluble in organic solvents. There are 2 tables.

ASSOCIATION: Vsesoyuznyy nauchno-issledovatel'skiy kinofotoinstitut i Kiyevskiy politekhnicheskiy institut (All-Union Scientific Research Motion Picture Institute and Kiev Polytechnic Institute)

SUBMITTED: January 2, 1962

Card 2/2

VERETENOVA, T. N.; STEPANOV, F. N.

Synthesis of vinyl esters of terephthalic acid. Zhur. ob. khim. 33 no.1:91-94 '63. (MIRA 16:1)

1. Vsesoyuznyy nauchno-issledovatel'skiy kinofotoinstitut i Kiyevskiy politekhnicheskiy institut.

(Vinyl alcohol) (Terephthalic acid)

S/081/62/000/019/035/053
B101/B180

AUTHORS: Veretenov, T. K., Balin, A. I.

TITLE: Synthesis and polycondensation of new esters of terephthalic acid

PERIODICAL: Referativnyy zhurnal. Khimiya, no. 19, 1962, 512, abstract 19P69 (Tr. Vses. n.-i. kinofotoin-ta, no. 43, 1961, 80 - 86)

TEXT: Terephthalic esters of the general formula $XCH_2CH_2COOC_6H_4COOCH_2CH_2X'$ (where X = Cl, Br, I, CNS, CN, ONO_2, OCH_3, OC_2H_5, and X' = Cl, Br, I, F, CNS, CN, ONO_2, OCH_3, OC_2H_5) and $H_3COOCC_6H_4COOCH_2CH_2X$ (where X = Cl, Br, I, F) were synthesized to study the possibilities of the polycondensation of various β,β'-disubstituted diethyl terephthalates. The polycondensation of the therephthalic esters was conducted in the presence of $ZnCl_2$, $Zn(CH_3COO)_2$, Sb_2O_3, and Li_2CO_3. Polymers of methyl-β-chloroethyl terephthalate, of β,β'-dichloro-diethyl terephthalate, and of β,β'-dibromo-diethyl terephthalate were obtained. The esters synthesized, the

Card 1/2

Synthesis and polycondensation of new ... S/081/62/000/019/035/053
B101/B180

catalysts used, and the characteristics of the resulting polymers are listed. [Abstracter's note: Complete translation.]

Card 2/2

LEVI, S.M.; VILENSKIY, Yu.B.; KOCHNEVA, S.N.; POPOVA, O.V.; VERETENOVA, T.N.

Diffusion method of hardening emulsion layers. Zhur.nauch.i prikl. fot. i kin. 7 no.3:161-168 My-Je '62. (MIRA 15:6)

1. Vsesoyuznyy nauchno-issledovatel'skiy kinofotoinstitut (NIKFI) i filial Vsesoyuznogo nauchno-issledovatel'skogo kinofotoinstituta, Shostka.

(Photographic emulsions)

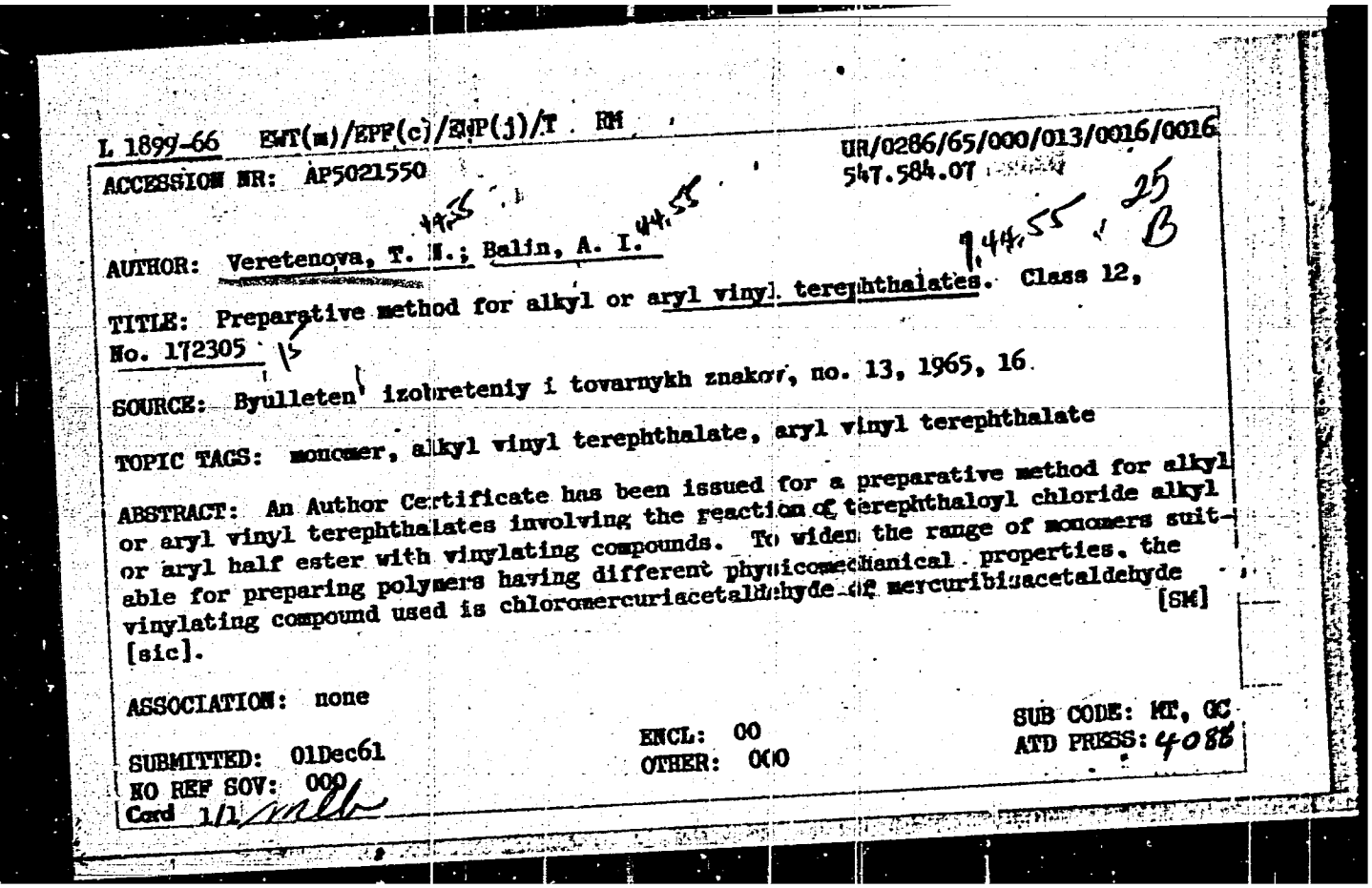
VILENSKIY, Yu.B.; VERETENOVA, T.N.; BUDARINA, N.N.; PATRIKEYEVA, L.F.

Hardening of photographic materials. Zhur.nauch.i prikl.fot. i kin. 5 no.6:401-402 N-D '60. (MIRA 14:1)

1. Filial Nauchno-issledovatel'skogo kinofoto instituta, Shostka.
(Photographic emulsions)

VERETENOVA, T.N.; BALIN, A.I.

New method of preparing mercury-bis-acetaldehyde. Zhur.ob.khim. 33 no.6:2079 Je '63. (MIRA 16:7)
(Acetaldehyde) (Mercury compounds)



L 1899-66 EWT(m)/EPF(c)/EWP(j)/T RM

ACCESSION NR: AP5021550 UR/0286/65/000/013/0016/0016
547.584.07

AUTHOR: Veretenova, T. N.; Balin, A. I. 44,55 25 B

TITLE: Preparative method for alkyl or aryl vinyl terephthalates. Class 12, No. 172305

SOURCE: Byulleten' izobreteniy i tovarnykh znakov, no. 13, 1965, 16.

TOPIC TAGS: monomer, alkyl vinyl terephthalate, aryl vinyl terephthalate

ABSTRACT: An Author Certificate has been issued for a preparative method for alkyl or aryl vinyl terephthalates involving the reaction of terephthaloyl chloride alkyl or aryl half ester with vinylating compounds. To widen the range of monomers suitable for preparing polymers having different physicomechanical properties, the vinylating compound used is chloromercuriacetaldehyde or mercuribisacetaldehyde [sic]. [SM]

ASSOCIATION: none

SUBMITTED: 01Dec61 ENCL: 00 SUB CODE: MT, GC
NO REF SOV: 000 OTHER: 000 ATD PRESS: 4088
Card 1/1

SHLYAPINTOKH, V.Ya.; POSTNIKOV, L.M.; KARPUKHIN, O.N.; VERETIL'NYY, A.Ya.

Chemiluminescence during alternating current electrolysis. Zhur.fiz. khim. 37 no.10:2374-2375 O '63. (MIRA 17:2)

USSR/Farm Animals. Small Horned Stock.

Abs Jour: Ref Zhur-Biol., No 20, 1958, 92593.

Author : Grekhov, F.A., Veretin, I.G.
Inst :
Title : The Ostrogozhsk Sheep Breed.

Orig Pub: Ovtsevodstvo, 1958, No 2, 7-10.

Abstract: The Ostrogozhsk sheep breed was obtained through the cross-breeding of Mikhnovsk sheep with Romney Marsh rams. Animals of this breed have the height of 73 cm in rams, 65 cm in ewes, measured at the withers. The average wool at a shearing is respectively 6 - 6.9 and 3.9 kg. The live weight of the lambs for removal was at 50% of the weight of the mature ewes, the twist in the heavy wool was

Card : 1/2

L 05819-67 EWT(1)/EWT(m) DD

ACC NR: AP6032137 (N) SOURCE CODE: UR/0391/66/000/009/0041/0044

AUTHOR: Veretinskaya, A. G. (Moscow); Tolgskaya, M. S. (Moscow); Pavlova, I. V. (Moscow)

ORG: Institute of Labor Hygiene and Occupational Diseases, AMN SSSR (Institut gigiyeny truda i profzabolevaniy AMN SSSR)

TITLE: Effects of UHF radiation on the nucleic acid content in the lungs of rats with experimental silicosis

SOURCE: Gigiyena truda i professional'nyye zabolevaniya, no. 9, 1966, 41-44

TOPIC TAGS: UHF, medical experiment, nucleic acid, silicosis/UVCh-1 radiation device

ABSTRACT: Biochemical and histochemical changes occurring in the lungs during UHF field radiation were investigated. A UVCh-4 device operating continuously at 40 Mc was used. The effects of the UHF field on the development of silicosis and on the nuclei-acid content in lungs of rats examined were studied, and calculated in milligram-percentages of phosphorus per dry weight of the lung. The appearance of new cell formations during silicosis was determined experimentally. UHF radiation

Card 1/2 UDC: 616.24-003.662-092.9-085.846-07:616.24-008.939.633.2-074

L 05819-67

ACC NR: AP6032137 O

was found to retard development of silicosis. Experiments showed that the macrophagic functions of histocytes increased, their fibroblastic functions decreased after UHF radiation, and as a result, the collagen synthesis was retarded. Quartz discharge from the organism is considered to increase under the effect of UHF radiation, which shows the favoragle effect of the latter on the course of the silicosis process. Orig. art. has: 5 figures.

SUB CODE: 06, 07/ SUBM DATE: 02Dec65/ ORIG REF: 003/

Card 2/2 egh

CHICHKAN', A.V., inzh.; VERETNIK, L.D., kand. tekhn. nauk

Automatic argon-arc welding of aluminum pistons of the L-70 diesel engine. Svar. proizv. no.2:31-32 F '65. (MIRA 18:3)

1. Teplovozostroitel'nyy zavod im. Malysheva.