Perzyna, P

CISZAK, W.

Country: Poland

Author: Warsaw, Bulletin de l'Academie des Sciences (Serie des Sciences Techniques, Vol IX, No.1, Jan 61, pp 17-24

Title: "Extremum Theorems in General Viscoelasticity"

Co-author:

PERZYNA, P.

(English)

PERZYNA, PIOTR

4

TWO-DIMENSIONAL PROBLEMS IN THE THEORY OF PLASTICITY OF NON-HOMOGENEOUS ANISOTROPIC BODIES. Wacław Olszak, Piotr Perzyna, and Czesław Szymański. Arch. Mech. Stosowanej, No. 3, 1957, pp. 335-358. 14 refs.

Derivation of equations for two-dimensional problems, assuming the general type of anisotropy and nonhomogeneity, by starting from the equations of the theory of plasticity describing the three-dimensional state in a system of curvilinear orthogonal coordinates. Generalized definitions of two-dimensional and plane states are given in the case of simultaneous existence of anisotropy and nonhomogeneity of the material. Next, after the required conditions are obtained, consideration is given to certain particular cases of anisotropy which are of practical importance. These cases include monoclinic, transverse, and cubic anisotropy.

30° C.)
ventrfl

2385. THE INFLUENCE OF HYPOTHERMY ON THE BEHAVIOUR OF THE ELECTROPHORETIC FRACTIONS ON THE SERUM PROTEIN IN RABBIT BLOOD - Wpływ hipotermii na zachowanie się elektroforetycznych frakcji białek surowicy krwi u królików - Perzyna T., Bowbelska E. and Sojka St. I. Klin. Chir. A. M., Poznań - POL. PRZEGL. CHIR. 1958, 30/2 (103-110) Tables 7

The following conclusions were drawn: (1) The lowering of the level of total protein in the blood serum during hypothermy depends on the dose of 'lytic mixture' and on the degree of cooling. The administration of larger doses of the drug and more considerable cooling lessen the fall in the content of total protein in the blood serum. (2) The administration of larger doses of 'lytic mixture' and more considerable cooling of the system increase the stability of the relations between the particular fractions of the blood serum protein.

PERZYNA, Tadeusz

Case of gastric tuberculosis. Polski przegl. chir. 28 no.5: 521-524 May 56.

1. Z I Klinïki Chirurgicznej A.M. w Poznaniu Kierownik: prof. dr. St. Nowicki, Poznan, ul. Dluga, I. Klin. Chirurg.
(TUBERCULOSIS, GASTROINTESTINAL, case reports, stomach (Pol))

PERZYNA, Tadeusz; ZAWILSKI, Jerzy; POPIEL, Feliks

Remote results in lumbar sympathectomy in occlusive arteritis.
Polski przegl. chir. 28 no.7:677-679 July 56.

1. Poznan, ul. Dluga 1.
(THROMBOANGIITIS OBLITERANS, surgery,
sympathectomy, lumbar (Pol))
(SYMPATHECTOMY, in various diseases,
arteritis obliterans, lumbar technic (Pol))

PERZYNA, Tadeusz; RABULA, Edward.

Prognosis in brain concussion. Polski przegl. chir. 27 no.11: 1065-1068 Nov 55.

1. Z II Kliniki Chirurgicznej A.M. w Poznaniu. Kierownik: prof. dr. St.Nowicki. Poznan, Dluba 1/2, II Klin. Chirurg. A.M.

(BRAIN, wounds and inj.
concussion, progn.)
(WOUNDS AND INJURIES
brain concussion, progn.)

PERZYNA, Tadeusz

Treatment of commotio cerebri. Wiadomosci lek. 8 no.2:71-74 Feb 55.

1. Poznan: I Kl. Chir. A. M. ul. Dluga 1.
(BRAIN, wounds and injuries,
concussion, diag. & ther.)
(WOUNDS AND INJURIES,
brain concussion, diag. & ther.)

PERZYNA, Tadeusz

Erythromelalgia. Polski przegl. chir. 26 no.11:999-1011 Nov 54.

1. Z I Kliniki Chirurgicznej Akademii Medycznej w Poznaniu. Kierownik prof. dr. St.Nowicki
(ERYTHROMELALGIA,
case reports)

PERZYNSKI, W.

"The new situation provides new tasks for the commercial sector. p. 261."
(ZYCIE GOSPODARCZE, Vol. 8, no. 7, Feb. 1953, Warszawa, Poland.)

SO: East European, I. C. Vol. 2, No. 12, Dec. 1953

PURZYNSKI, W.

"Against the trickish and speculative practices in trade. p. 504."
(ZYCIE GOSPODARCZE, Vol. 7, no. 1 , May 1953, Warszawa, Poland.)

SO: East European, L. C. Vol. 2, No. 12, Dec. 1953

PERZYNSKI, Z.

"For Working People." p. 164 (Horyzonty Techniki, Vol. 7, No. 3, Mar. 1954, Warszawa)

SO: Monthly List of East European Accessions, Vol. 3, No. 6, Library of Congress, June, 1954, Uncl.

PEŠA, K.

EXCERPTA MEDICA Sec,9 Vol.11/9 Surgery Sept 1957

4484. (900) PEŠA K. Výzkumný Úst. Traumatol., Brno. *Rentgenová therapie pouražových odvápnění karpu. Roentgen therapy of post-traumatic carpal decalcification ACTA CHIR. ORTHOP. TRAUM. CECH. 1956, 23/5 (272-276) Tables 3 Illus. 2

Local pain following fracture may disturb the normal state of autonomic nerves so that post-traumatic osteodystrophy can develop. X-ray therapy was used in 31 patients with the Sudeck syndrome mostly following fracture of the distal end of radius. Local irradiation of carpal bones, irradiation of the midbrain and the combination of both were applied. All 3 methods gave very good results, which could be demonstrated roentgenologically by recalcification and clinically by disappearance of oedema and improvement of motility. Niederle - Prague (IX, 14)

PEŠA K.

EXCERPTA MEDICA Sec.14 Vol.11/8 Radiology Aug57.

1477. PEŠA K. Výzkumný Ust. Traumatol., Brno. *Rentgenová therapie poúrazových odvápnění karpu. Roentgen therapy of post-traumatic carpal decalcification ACTA CHIR. ORTHOP. TRAUM. ČECH. 1956, 23/5 (272-276) Tables 3 Illus. 2

Local pain following fracture may disturb the normal state of autonomic nerves so that post-traumatic osteodystrophy can develop. X-ray therapy was used in 31 patients with the Sudeck syndrome mostly following fracture of the distal end of radius. Local irradiation of carpal bones, irradiation of the midbrain and the combination of both were applied. All 3 methods gave very good results, which could be demonstrated roentgenologically by recalcification and clinically by disappearance of oedema and improvement of motility. Niederle - Prague (IX, 14)

PESA, Karel.

Roentgen-irradiation in post-traumatic conditions. Cesk. rentg. 14 no.1:7-12 F '60.

1. Vyzkumny ustav traumatologicky v Brne, red. prof. dr. Vlad. Novak.

(RADIOTHERAPY)
(WOUNDS AND INJURIES)

COUNTRY :
CATEGORY : CULTIVATED PLANTS. Grains. Leguminous Grains. Tropical Cereals.
ABS. JOUR : REF ZHUR - BIOLOGIYA, NO. 4, 1959, No. 15626

AUTHOR : Peshev, Nikola
INST. :
TITLE : Hybrid Corn in Eastern Serbia

ORIG. PUB. : Poljoprivreda, 1957, 5, No.12, 29-36

ABSTRACT : No abstract

CARD: 1/1

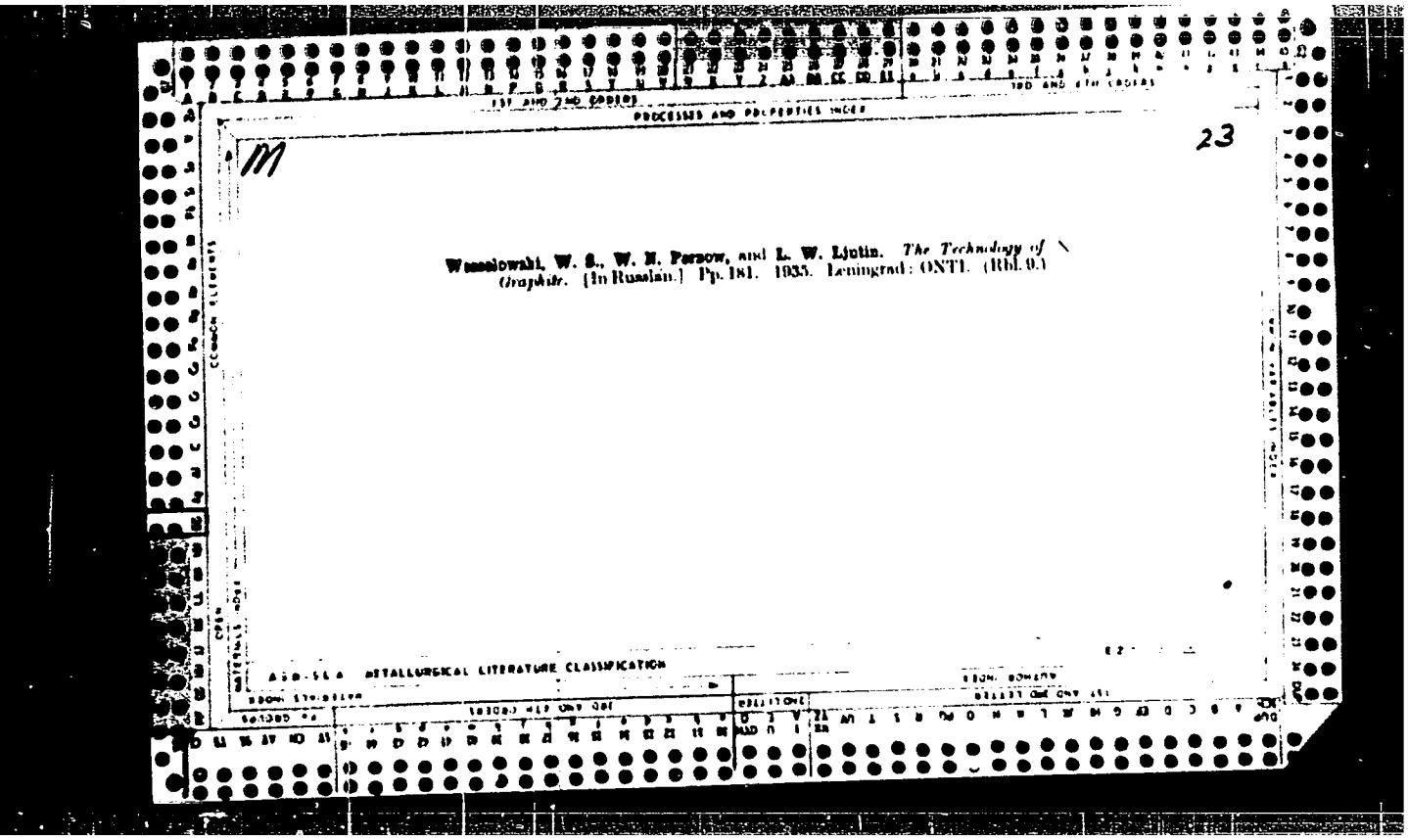
DUMOV, V.I., inzh.; PESHKIN, M.A., kand. tekhn.nauk

Investigation of cavitation on the wheel of a centrifugal pump.
Teploenergetika 6 no.12:46-51 D '59. (MIRA 13:3)
(Centrifugal pumps) (Cavitation)

PESA, K.

Results of roentgen rays therapy of sequels following injuries. Lek. listy, Brno 6 no.20:640-643 15 Oct 51. (CIML 21:4)

1. Of the Traumatic Hospital (Director--Prof. Vlad. Novak, M.D.), Brno.



PROCESSES AND PROPERTIES INDEX

23

M

Wesolowski, W. S., W. N. Porsow, and L. W. Ljutin. *The Technology of Graphite.* [In Russian.] Pp. 181. 1935. Leningrad: ONTI. (Bbl. 9.)

A10-51A METALLURGICAL LITERATURE CLASSIFICATION

PESA K. (Brno, Vnitrni 2)

Spontaneous repositioning in subluxation of the cervical spine. Acta chir. orthop. traum. cech. 26 no.3:204-210 June 59.

1. Vyzkumny ustav traumatologicky v Brne, reditel prof. dr. Vlad. Novak..
(SPINE, disloc.
subluxation, spontaneous repositioning (Cz))

PESA, Karel, MUDr.

Radiotherapy of post-traumatic decalcification of carpus.
Acta chir. orthop. traum. cesk. 23 no.5:272-276 Sept 56.

1. Vyzkumny ustav traumatologicky v Brne, reditel prof. Dr. Vlad. Novak.
(WRIST, dis.
Sudeck's atrophy, traum., radiother (Cz))
(OSTEOPOROSIS,
Sudeck's atrophy of wrist, traum., radiother. (Cz))
(RADIOTHERAPY, in various dis.
Sudeck's atrophy of wrist, traum. (Cz))
(WOUNDS AND INJURIES, compl.
post-traum. Sudeck's atrophy of wrist, radiother. (Cz))

PESA, Karel MUDr

Traumatic spondylosis deformans of the spine. Rozhl.chir. 34 no.7: 446-449 Aug 55.

1. Vyzkumny ustav traumatologicky v Brne, reditel prof. Dr Vlad. Novak.

(SPONDYLOSIS
deformans of spine, etiol. & pathol.)
(SPINE, diseases
spondylosis deformans, etiol. & pathol.)

CHYTILOVA, M.; PESA, K.; KULENDIK, V.; KULHANEK, V.; UHER, J.

Effect of different methods of preservation of homografts on healing of fractures. Comparison of immune indices with roentgenographic manifestations. Acta chir.orthop.traum.cech. 28 no.5:393-396 O '61.

1. Vyzkumny ustav traumatologicky v Brne, reditel prof. MUDr. Vladimir Novak, Dr.Sc.

(FRACTURES exper) (BONE AND BONES transpl)

PESAK, Frantisek

Electric machines transformers

c. '63

1964

PESAK, J.

Preparation and improvement of qualifications of foremen in the machinery industry. p. 345.
SLEVARENSTVI Vol 3, no. 9, Sept. 1955
Czechoslovakia

SOURCE: EEAL, Vol 5, no. 7, July 1956

PESAK, Josef, doc.,ing.

"Methods of performance standardization". Reviewed by Josef Pesak.
Prace mzda 9 no.11: 505 N '61.

MERKA,V.; SKALA,E.; PESAK,M.; MELICHAR,M.; SANDA, M.

Cleaning transfusion bottles with detergents. Cesk. farm. 12 no.8:411-416 0'63.

1. Vojensky lekarsky vyzkumny a doskolovaci ustav, Hradec Kralove; Ustredni vojenska nemocnice, Praha; Lekarska fakulta PU, Olomouc.

*

USSR/CZECHOSLOVAKIA

[illegible], V.; [illegible], J.; [illegible], M.; [illegible], M.; SANDA, M.; Research and Training Institute for Military Medicine [Vojensky Lekarsky Vyzkumny a Doskolovaci Ustav], Hradec Kralove; Central Military Hospital [Ustredni Vojenska Nemocnice], Prague; Faculty of Medicine of the University of Purkyne [Lekarska Fakulta PU], Olomouc.

" Cleaning of Bottles Used for Blood Transfusions by Detergents."

Prague, Ceskoslovenska Farmacie, Vol 12, No 8, 1963, pp 411-416

Abstract: Czechoslovak detergent Dubaryl P was checked and found suitable for reliable cleaning operations. The results were comparable to those obtained with the usual cleaning method using tribasic sodium phosphate and neutralization with hydrochloric acid.
2 Figures, 3 Tables, 3 Western, 9 Czech references.

1/1

PESAK, V.; KOSTKA, J.

Method of measuring the electrophoretic mobility of bacteria. Folia microbiol. 8 no.5:318-321 '63.

1. Department of Immunology, Institute of Microbiology, Czechoslovak Academy of Sciences, Prague 6.
(BACTERIA) (ELECTROPHORESIS)
(ESCHERICHIA COLI)

CZECHOSLOVAKIA / Laboratory Equipment. Instrumentation. F

Abs Jour: Ref Zhur-Khimiya, No 1, 1959, 1103.

Author : Pesak, V.
Inst : Not given.
Title : An Absorption Apparatus For Entrapping Halides Or Sulfur Oxides in Elemental Analysis.

Orig Pub: Chem. prumysl, 1958, 8, No 5, 250.

Abstract: An apparatus is briefly described for absorbing chlorine and oxides of sulfur in the microanalysis of organic compounds.

Card 1/1

STERZL, J.; PESAK, V.; KOSTKA, J.; JILEK, M.; with the technical cooperation of HOFMANOVA, B.

The relation between the bactericidal activity of complement and the character of the bacterial surfaces. Folia microbiol. (Praha) 9 no.5:284-298 S '64.

1. Department of Immunology, Institute of Microbiology, Czechoslovak Academy of Sciences, Prague.4.

PESAKOVICH, L.V.

Qualitative determination of reserpine. Apt. delo 11 no.6:
42-47 N-D'62 (MIRA 17:7)

1. Byuro Glavnoy sudebnomeditsinskoy ekspertizy Ministerstva zdravookhraneniya Tadzhikskoy SSR.

PESAKHOVICH, L.V.

Microcrystalloscopic reaction for the detection of pyramidon in drug mixtures. Apt.delo 12 no.3:67-69 My-Je '62. (MIRA 16:1)

1. Byuro glavnoy sudebnomeditsinskoy ekspertizy Ministerstva zdravookhraneniya Tadzhikskoy SSR.
(AMINOPYRINE) (CRYSTALLIZATION)

PESAKHOVICH, L.V.

Toxicity of reserpine. Sov.med. 25 no.4:133-136 Ap '61.
(MIRA 14:6)

1. Iz Byuro sudebnomeditsinskoy ekspertizy (glavnyy sudebno-meditsinskiy ėkspert - dotsent A.G.Glushchenko) Ministerstva zdravookhraneniya Tadzhikskoy SSR.
(RESERPINE—TOXICOLOGY)

PESAK, K.

A motorist department was established in Hradec Kralove. p. 514.
(SVET MOTORU, Vol. 11, No. 17, Aug 1957, Praha, Czechoslovakia)

SO: Monthly List of East European Accessions (EEAL) LC, Vol. 6, No. 12, Dec 1957. Incl.

PESAREVKY, A. M.

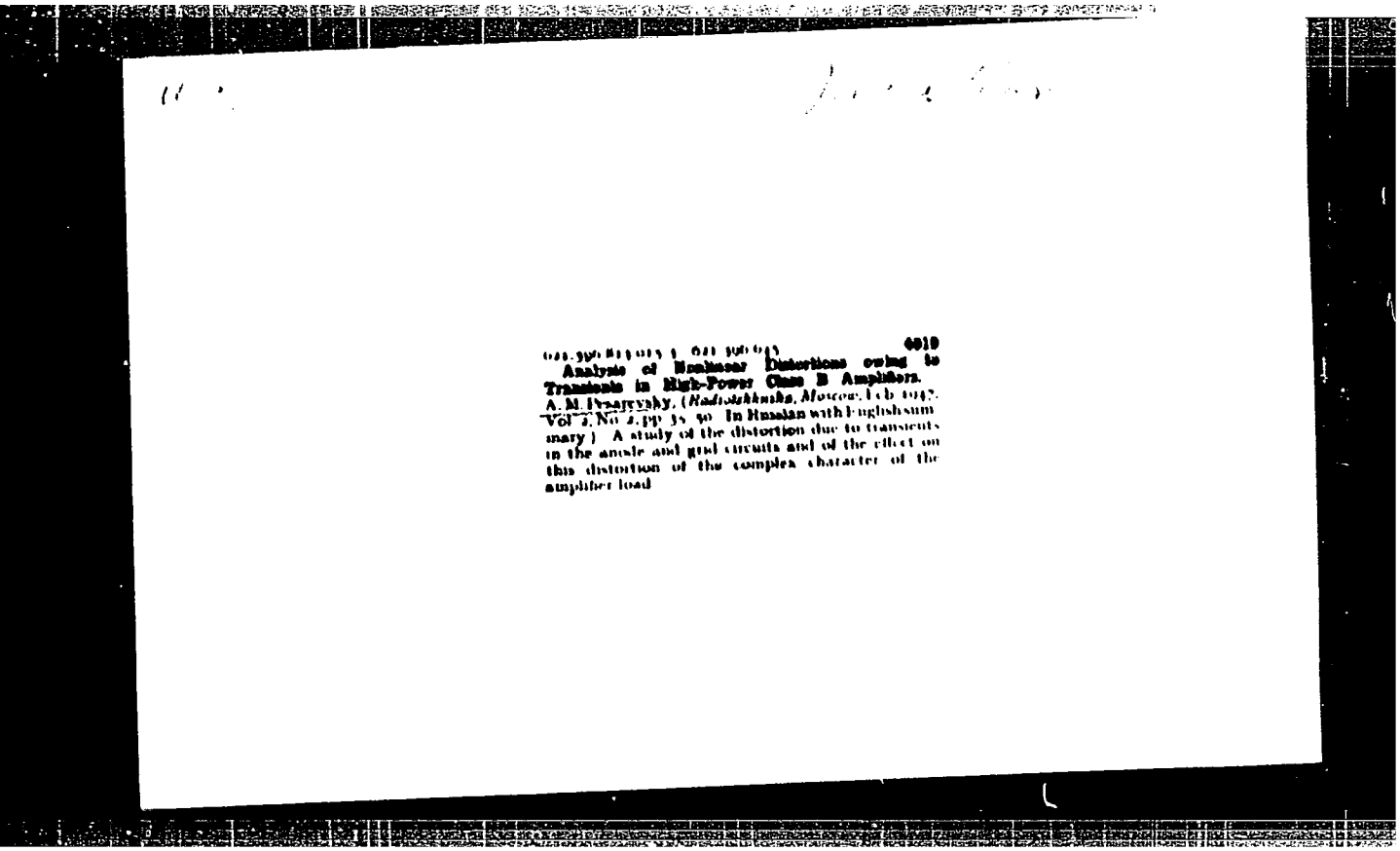
NAD 46205

LEBEDEV-KARMALIN, A. I. AND PESAREVKOY, A. M.

Article: Some design problems of a modern high level modulation system.

RADIO ENGINEERING QAUST/Vol. 2, No. 3

Immediate source ER



6019
Analysis of Nonlinear Distortions owing to Transients in High-Power Class B Amplifiers.
A. M. Ivanyushy. (*Radiotekhnika, Moscow*, Feb 1957. Vol 2, No 2, pp 35–40. In Russian with English summary.) A study of the distortion due to transients in the anode and grid circuits and of the effect on this distortion of the complex character of the amplifier load

PESAT, V.

"Ir xes of the Soviet Union iron metallurgy" by O.Fiala. Reviewed by V.Pesat. Podn org 19 no.4:192 Ap '65.

SRUBAR, J., Inz., [illegible]

Follow continuously and systematically domestic and foreign technical literature. [illegible] no. 6 [illegible] 60 [illegible] '64.

1. Technical and Economic Information Department of the Vitkovice [illegible] Klementa Gottwalda National Enterprise, Ostrava.

PESAT, Vaclav

Use of plastic materials in coking plants. Chem prum 12 no.10:582-583 O '62.

1. Vyzkumny ustav, Nova hut Klementa Gottwalda, Ostrava.

PESAT, Valentin

"Handbook for inventors, improvers, and other technical workers."
Reviewed by Valentin Pesat. Stroj vyr 11 no.6:324 Je '63.

SRUBAR, J., inz.; PESAT, Valentin

Should we study? Elektrotechnik 19 no.9:267 S '64.

1. Technical and Economic Information, Vitkovicke zelezarny Klementa Gottwalda National Enterprise, Ostrava.

PESAT, Valentin

Textbooks for the studies of employed people. Poz stavby 11 no.7: 400-401 '63.

1. Ustredni technicka knihovna, Vitkovicke zelezarny Klementa Gottwalda, Ostrava.

PESAT, V.

Useful bibliographies. Hut listy 19 no.10:760 O '64.

Properties of high-temperature steels made by the Vitkovicke zelezarny Klementa Gottwalda National Enterprise. Ibid.: 760

SRUBAR, J., inz.; PESAT, Valentin

What we study? El tech obzor 53 no.11:Suppl:Zpravy 53 no.11: 242-243 '64.

1. Technical and Economic Information Department of the Vitkovicke zelezarny Klementa Gottwalda National Enterprise, Ostrava 31.

PESATA, V.

Reactions of anhydrous hydrogen fluoride. III. Preparation of dichlorodifluoromethane.

p. 625 (CHEMICKE LISTY) Vol. 51, no. 4, Apr. 1957,
Praha, Czechoslovakia

SO: Monthly Index of East European Accessions (EEAI) LC, Vol. 7, No. 3,
March 1958

PESATA, VACLAV

6

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4E3d

4E2c

2 may

√Reactions in anhydrous hydrogen fluoride. III. Preparation of dichlorodifluoromethane. Lubomír Jarkovský, Václav Pešata, and Miloš Hudlický (Tech. Univ., Prague). Chem. Listy 51, 625-32(1957); cf. C.A. 47, 8012i.—App. and conditions are described for the prepn. of CCl_2F_2 from CCl_4 and HF in 95% yield. To 160 g. $SbCl_5$ and 1020 g. CCl_4 is added 300 g. dry HF and the sealed reaction vessel rapidly heated to 100-20°. When the pressure has reached 30 atm. the gaseous products are admitted into the absorbing and condensing system at such a rate that HCl can be absorbed in H_2O. The pressure rises another 1-2 hrs. reaching a max. (33-5 atm.), then drops gradually in 3-5 hrs. to 6 atm., where it stays 3-4 hrs. Then the pressure begins to decrease and the app. is emptied during 1 hr. The condensed material is distd. to give in the main fraction, b. −28 to −27°, 750 g. CCl_2F_2, 93% based on CCl_4; a further 2% can be obtained from the fraction, b. 0-24°. The catalyst is prepd. by passing Cl over metallic Sb and distg. crude $SbCl_5$ at 60-8°/13 mm.; its compn. after 10 runs was: Sb(III) 10.53, Sb(V) 30.13, Fe(III) 4.41, Cl 17.52, F 29.60, and SO_4 1.50%. CS_2 present in tech. CCl_4 inactivates the catalyst by reducing $SbCl_5$ to the less effective $SbCl_3$; its interfering influence is removed by adding to CCl_4 the necessary amt. of Cl. L. J. Urbánek

MECIR, R.; PESATA, Vl., inz.

Information service on drilling technology. Rudy 12 no.2:67-68 F'64

1. Hlanicke strojirny (2 (for Mecir). 2. Ministerstvo chemickeho prumyslu (for Pesata).

PESATOVA, Z.

Aesthetic problems concerning engraved glass. p.277.

SKLAR A KERAMIK. (Ministerstvo lehkeho prumyslu) Praha, Czechoslovakia, Vol. 9, no. 9, Sept. 1959.

Monthly List of East European Accessions(EEAI) LC, Vol. 9, no. 1, Jan. 1960.

Uncl.

PESCHAK, Edward

Air coolers. Wiad naft 11 no.2:41-43 F '65.

PESCARU, Al., dr., candidat in stiinte medicale

Workers' health protection in the confections industry. Ind text Rum 14 no.4:178-180 Ap '63.

LUCIAN, Otilia, dr.; SIMIONESCU, Olga, dr.; POMPAN, L., dr.; BOIAN, Alexandra, dr.; BRINZEI, A., dr.; JUVARA, A.N.; PESCARU, Ecaterina

Study of the effectiveness of different methods of treatment in lambliasis. Pediatria (Bucur.) 14 no.3:265-271 My-Je '65.

1. Lucrare efectuata in Institutul "dr. I. Cantacuzino", Sectia parazitologie, Institutul medico- farmaceutic, Bucuresti; Catedra de parazitologie si Spitalul de copii "23 August", Sectia de parazitologie.

PESCARU, Gh., ing.; SCHEIANU, I., ing.

Experiments in selective refining of oils obtained from nonparaffin raw materials by furfurole. Petrol si gaze 12 no.8:371-373 Ag '61.

1. Rafinaria nr. 3, Ploiesti.

PESCARU, Gh., ing.; SCHEIANU, I., ing.

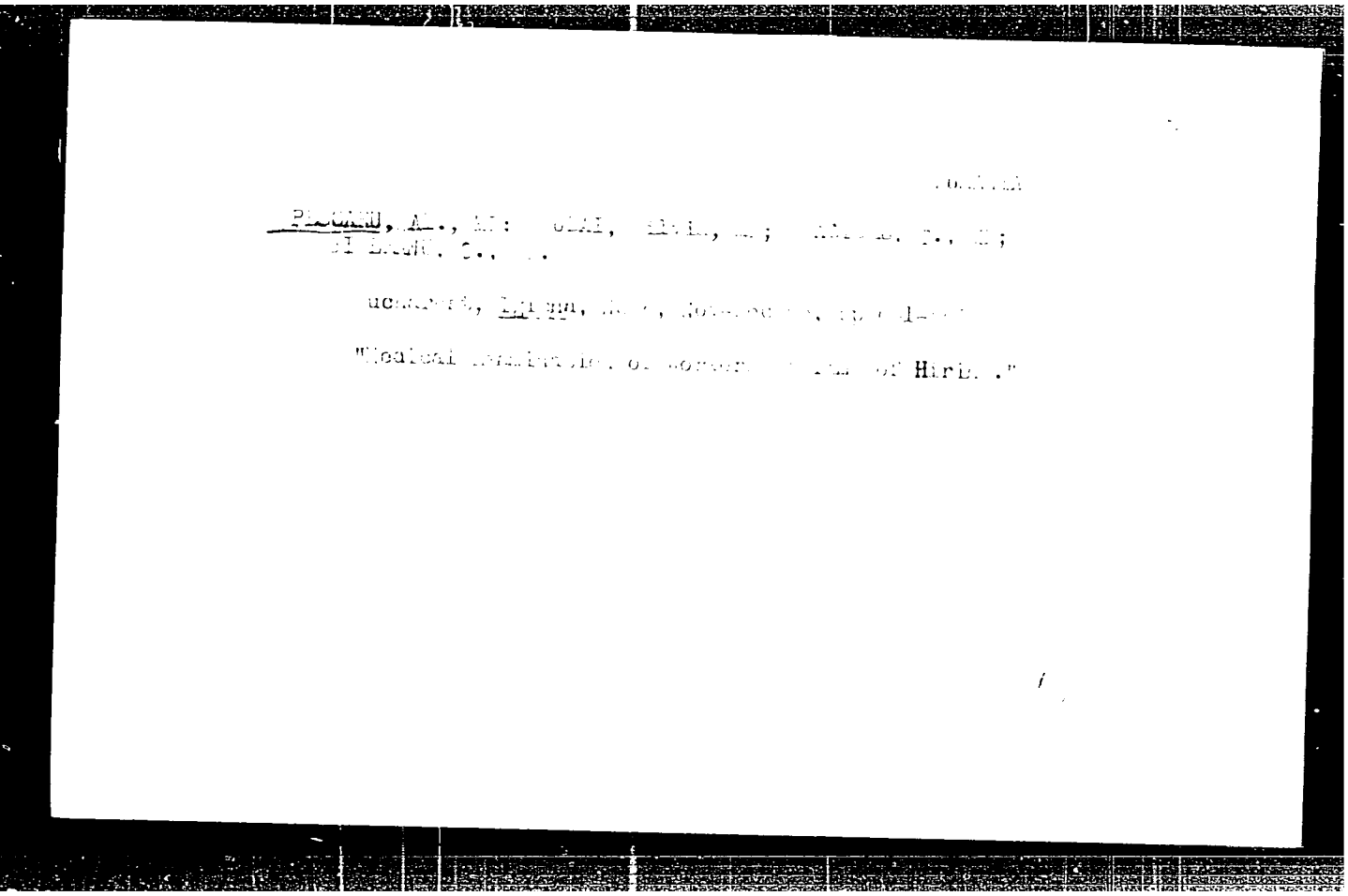
Attempts at selective refining by furfurole of oils obtained from nonparaffinic raw materials. Petrol si gaze 12 no.8:371-373 Ag '62.

1. Rafinaria nr3, Ploiesti.

PESCARU A.

PESKARU, A. [Pescaru, A.], kand.med.nauk (Bukharest).

Medical and sanitary units in the Rumanina Peoples Republic
Sov.zdrav. 17 no.10:51-56 0 '58 (MIRA 11:11)
(PUBLIC HEALTH)



DANIELESCU, A., ing.; ZOTTA, Ruxandra, ing.; PESCARU, C., ing.

Casting the valve seats and stellite electrodes. Metalurgia constr mas 13 no.12:1076-1077 D '61.

PESCHAK, Edward

Problem of shelves for mass exchange in the refining industry. Wiad naft 10 no.10.229-231 O '64.

Problem of electric heating of experimental apparatus in the petroleum refining industry. Ibid.:231-232

PESCHANIKOV, Yu.I., inzhener.

New technology of casting anchor chains. Sudostroenie 23 no.3:52-55 Mr '57. (MLRA 10:5)
(Anchors) (Founding)

LITVIN, Ivan Il'ich, SHAPOSHNIKOV, D.F., [illegible], otv. red.; FEDCHANSKAYA, A.G., red.

[Minor chemical elements in the Albian-Senomanian sediments of the Dnieper-Donets Lowland] Malye khimicheskie elementy v alʹb-senomanskikh otlozheniiakh Dneprovsko-Donetskoi vpadiny. Khar'kov, Izd-vo Khar'kovskogo univ., 1964. 141 p. (MIRA 18:)

L 15737-63 EPF(c)/EWT(m)/BDS AFFTC/ASD/APGC Pr-4 BW/MN
ACCESSION NR: AR3002677 S/0124/63/000/005/B014/B014

SOURCE: Rzh. Mekhanika, Abs. 5B644

64

AUTHOR: Varshavskiy, G.A.; Peshchanskaya, L. G.

TITLE: Study of burning of single grains of hydrocarbon fuel

CITED SOURCE: Tr. Odessk. un-ta. Ser. fiz. n., v. 152, no. 8, 1962, 5-17

TOPIC TAGS: fuel, burning, grain, fuel grain, hydrocarbon, kerosene, benzine, paraffin, flame

TRANSLATION: The flame stripping speed with individual large grains 1-3 mm of dimension and the ignition and the burning time for fine grains is experimentally determined. In the first case, the set-up was a structure for the generation of a current at high temperature with uniform velocity profile, at the input nozzle of which the grains were suspended. Recording of the instant of stripping was carried out by a movie camera. Benzine B-70, kerosene T-1 and paraffin were studied. With the increase of temperature from 100 to 750 degrees the speed of the stripping increases and the dependence of the stripping velocity on the

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L 15737-63
ACCESSION NR: AR3002677 0

grain diameter increases. The distance from the flame to the grain surface with the increase of current velocity also increases. The study of fine paraffin grains with mass m = (5-30)·10^{-8} grams was carried out on the same apparatus. The output section of the apparatus was connected to a device for transport of the paraffin spheres. The combustion time grows approximately proportionally to 2/3 m. The combustion time with the increase of velocity was increased, but it decreased with the growth of the temperature. Up to the instant of combustion, the relative velocity of the grain did not exceed 30 cm/sec, which corresponds to the conclusions of the first part of the work. Moreover, as the calculations showed, the combustion time corresponds to the case of the envelopment of the grain by the flame. V.Ya. Basevich.

DATE ACQ: 14Jun63 SUB CODE: FL ENCL: 00

Card 2/2

L 31981-65 EWT(m)/EPF(c)/EPA(w)-2/T Pab-10/Pr-4 RWH/WW/WB
ACCESSION NR: AT5006322 S/3142/62/152/008/0005/0017

AUTHOR: Varshavskiy, G. A.; Peshchanskaya, L. G.

TITLE: Investigation of single-droplet combustion of some hydrocarbon fuels

SOURCE: Odessa. Universitet. Trudy, v. 152. Seriya fizicheskikh nauk, no. 8, 1962. Voprosy gazovoy dinamiki, isparaniya i goreniya v dispersnom vide (Problems of gas dynamics, evaporation, and combustion in the dispersed state), 5-17

TOPIC TAGS: combustion, single droplet, fuel droplet, spray combustion, heterogeneous combustion

ABSTRACT: To obtain a more accurate relationship between droplet diameter and blow-off velocity, experiments were conducted with an assembly which ensured fully uniform velocity and temperature profiles of the air stream. The single droplet (B-70 gasoline or T-1 kerosine) was suspended at the nozzle outlet, and the combustion process was studied by motion picture photography. Plots of the blow-off velocity (6—50 m/sec) versus the droplet diameter (1—2.5 mm) were obtained at

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L 31981-65
ACCESSION NR: AT5006322

an air temperature of 100-700C. Extrapolation of the data obtained for large droplets to droplets of 40-μ diameter gave a blow-off velocity of 0.4-1.4 m/sec. To verify these data, small paraffin-wax spheres were injected at the nozzle outlet, and the melting and combustion process was studied by photography. These results did not agree with the extrapolated values. Orig. art. has: 14 figures. [PV]

ASSOCIATION: Odesskiy gosuniversitet (Odessa State Univeraity)

SUBMITTED: 00 ENCL: 00 SUB CODE: PP

NO REF SOV: 000 OTHER: 000 ATD PRESS: 3201

Card 2/2

L 26625-66 EWT(m)/EWP(j)/T/ETC(m)-6 IJP(c) WW/RM

ACC NR: AP5025373 SOURCE CODE: UR/0181/65/007/010/2962/2968

AUTHOR: Peschanskaya, N. N.; Stepanov, V. A.

ORG: Physico-technical Institute im. A. F. Ioffe, AN SSSR, Leningrad, (Fiziko-tekhnicheskiy institut AN SSSR)

TITLE: Strength and deformation of polymers at low temperatures

SOURCE: Fizika tverdogo tela, v. 7, no. 10, 1965, 2962-2968

TOPIC TAGS: polymer, material deformation, cryogenic effect, cyclic strength, tensile strength

ABSTRACT: The properties of solid polymers, e.g., strength and deformability, were investigated during constant velocity stress (stress changing in the process of examination). The question is examined of temperature variation of strength and deformation, accumulated at yield point under the influence of constants at times of stress. Experiments were conducted on non-oriented linear polymers below vitrification temperatures. During investigations of polymethylmethacrylate and a number of polyvinylacetals it was established that there are several characteristic temperatures during which the constants

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L 26625-66

ACC NR: AP5025373

of temperature-time dependencies of strength and degrees of remanent strain change at yield. These changes are combined with occurrence or loss of side group mobility of polymer molecules. Orig. art. has: 8 figs. 1 table.

SUB CODE: 11,20/ SUBM DATE: 17Apr65/ ORIG REF: 009/ OTH REF: 001

Card 2/2

S/138/61/000/002/005/008
A051/A129

AUTHORS: Grinberg, A. Ye.; Tsvetkov, A.I.; Yal'tseva, [illegible]; Makeyeva, A.K.; Peschanskaya R. Ya.; Prashchikina, V.F.; Prashchikina, [illegible]; Kryukova, A.B.

TITLE: Furfurhydramide and its vulcanization activity

PERIODICAL: Kauchuk i rezina, no. 2, 1961, 25 - 29

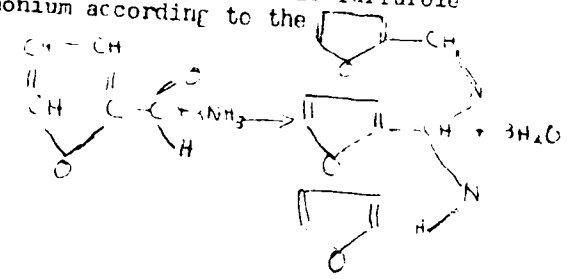
TEXT: The Soviet rubber industry uses diphenylguanidine as a nitrogen-containing accelerator with a basic nature. Its production is based on toxic and inflammable materials (aniline, carbon sulfide, lead silicagels and isopropyl alcohol). An attempt was made to find a cheaper nitrogen-containing organic base. Furfurhydramide was tested in combination with sulfur accelerators as an accelerator of vlucanization. A method for producing the furfurhydramide from cheap and accessible raw material was developed. It is an nitrogen-containing organic base which can be used as a vulcanization accelerator in combination with altax, captax or thiuram. In mictures based on natural rubber and a series of synthetic rubbers containing diphenylguanidine in combination with altax or captax, furfurhydramide can be used instead of diphenylguanidine. It increases the durability of the

Card 1/3

Furfurhydramide and its vulcanization activity

S/138/61/000/002/005/006
A051/A129

vulcanizates in repeated deformations. When it is used in combination with captax, altax or thiuram in mixtures based on natural and a number of synthetic rubbers, the rate of vlucanization does not change and culcanizates are obtained with satisfactory technical properties. Its use extends the assortment of vulcanization accelerators and decreases the consumption of captax, altax, diphenylguanidine and thiuram. Its physical and chemical characteristics are: finely crystalline powder of straw-yellow color with d_4^{20} 1.15 - 1.16, melting point when crystallized from ethyl ether 117 - 118°C. It is easily soluble in methyl, ethyl and isopropyl alcohol, acetone, ather, benzene, but is insoluble in water. The molecular heat of combustion at P = const. is 1,828.15 cal, at V = const. it is 1,827.87 cal. Acids decompose it to furfurole and ammonium, when boiled in diluted alkali it is converted to the isomer base furfurin. It absorbs ultraviolet rays, whereby its color changes to a dark brown. It has a specific furfurole olor. It is produced from furfurole and ammonium according to the equagion:



20809
S/138/61/000/0[illegible]2/005/008
A051/A129

Furfurhydramide and its vulcanization activity

Commercial furfurhydramide melts at 110 - 115°C. Its nitrogen content is 10.41% calculated and 10.2 0 - 10.30% found. Obtained data showed that when natural rubber is heated in the presence of furfurhydramide and sulfur, there is a significant decrease of the plasticity, whereas the plasticity of natural rubber containing only sulfur or furfurhydramide hardly changes at all when heated under the same conditions. It is concluded that furfurhydramide strengthins the structuralizing effect of sulfur. It does not affect the indlination of the mixtures to scorching. There are 3 tables, 4 figures and 8 references: 2 Soviet, 4 English and 2 German.

ASSOCIATION: Nauchno-issledovatel'skiy institut resinovych i lateksnych izdeliy (Scientific Research Institute of Rubber and Latex Articles)

Card 3/3

EYDEL'NANT, N.L.; RUBINA, S.I.; SMOLYANITSKIY, V.Z.; SEREBRYAKOVA, V.L.; PLUNGIAN, L.V.; DASHKEVICH, V.S.; Prinimali uchastiye: PESCHANSKAYA, R.Ya.; LEVINA, A.Yu.; GOL'BREYKH, I.Ye.; SHCHERBAKOVA, L.P.; PAPULOVA, P.A.

Activated kailin and its use in rubber compounding. Kauch. i rez. 20 no.9:46-49 S '61. (MIRA 15:2)

1. Nauchno-issledovatel'skiy institut rezinovykh i lateksnykh izdeliy, Vsesoyuznyy nauchno-issledovatel'skiy institut plenochnykh materialov i iskusstvennoy kozhi i zavod "Sangigiyena".
(Kaolin)
(Rubber, Synthetic)

MIKHAYLOV, V.V.; PESCHANSKAYA, R.Ya.; FORER, Ye.R.; YEFREMOVA, V.K.; PEREVEZENTSEVA, N.M.; ALEKSEYEVA, N.A.

New production variety of organic pigments for the rubber industry. Khim.prom. no.1:26-28 [illegible] '63. (MIRA 16:3)
(Pigments) (Dyes and dyeing--Rubber goods)

GRINBERG, A.Ye.; FRISHMAN, T.A.; PESCHANSKAYA, R.Ya.; KRYUKOVA, A.B.; KRYLOVA, V.N.

Vulcanizing action of some derivatives of dithiocarbamic acid. Kauch. i rez. 22 no.8:32-35 Ag '63. (MIRA 16:10)

1. Vsesoyuznyy nauchno-issledovatel'skiy konstruktorsko-tekhnologicheskiy institut asbestovykh tekhnicheskikh izdeliy.

PESCHANSKAYA, R.Ya.; GOL'DREYER, M.I.; SHEVTSOV, D.A.

Neutral oil as the new softener for rubber compounds. Kauch. i rez. 23 no.1:47-50 Ja '64. (MIRA 17:2)

1. Nauchno-issledovatel'skiy institut rezinovykh i lateksnykh izdeliy.

PESCHANSKAYA, R.Ya.; GOL'DREYER, M.I.; FORER, Ye.R.; SHCHERBAKOVA, L.F.; GAL'BRAYKH, I.Ye.; NIKIFOROVA, T.F.; FILIPPOVA, A.V.

New softeners for the manufacture of rubber footwear. Kauch. i rez. 23 no.5:20-24 My '64. (MIRA 17:9)

1. Nauchno-issledovatel'skiy institut rezinovykh i lateksnykh izdeliy i zavod "Krasnyy treugol'nik".

GOL'DREYER, M.I.; PESCHANSKAYA, R.Ya.

Comparative study of the quality of softeners of the Soviet and foreign make extracts from the selective purification of oils. Kauch. i rez. 24 no.2:29-31 F '65.

(MIRA 18:4)

1. Nauchno-issledovatel'skiy institut rezinovykh i lateksnykh izdeliy.

L 9697-66 EWT(m)/EWP(j) RM SOURCE CODE: UR/0286/65/000/019/0069/0069

ACC NR: AP5026524

AUTHORS: Silonova, M. S.; Trofimovich, D. P.; Peschanskaya, R. Ya.; Rydel'nant, N. L.; Gorelik, Ye. A.

ORG: none

TITLE: Method for obtaining sponge rubber. Class 39, No. 175220 [announced by Scientific Research Institute for Rubber and Latex Products (Nauchno-issledovatel'skiy institut rezinovykh i lateksnykh izdeliy)]

SOURCE: Byulleten' izobreteniy i tovarnykh znakov, no. 19, 1965, 69

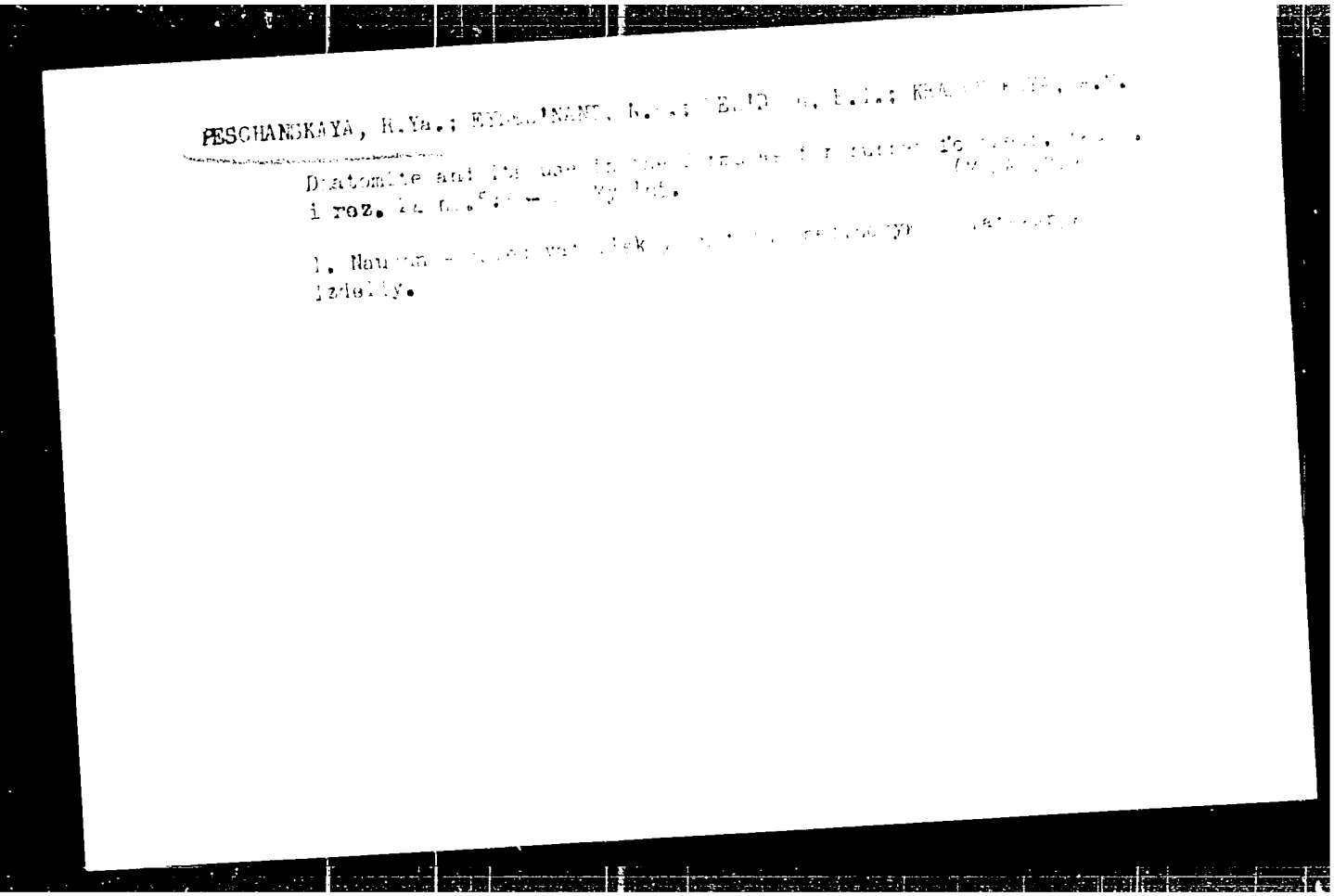
TOPIC TAGS: rubber, sponge, gelatin, gelatinization agent, catapin, latex

ABSTRACT: This Author Certificate presents a method for obtaining sponge rubber from latexes, using secondary gelatinization agents. To improve the structure of the sponge, catapin is used as the secondary gelatinization agent.

SUB CODE: 11/ SUBM DATE: 05Mar64

UDC: 678.061-496

Card 1/1



PESCHANSKAYA, N.Ya.; [illegible]

Diatomite and its use [illegible]
i roz. [illegible]

1. Nau[illegible]
Izdely.

L 22246-66 EWP(j)/EWT(m) IJP(c) RM

ACC NR: AP6006493 SOURCE CODE: UR/0138/65/000/010/0027/0029

AUTHOR: Peschanskaya, R. Ya.; Eydel'nant, N. L.; Smolyanitskiy, V. Z.; Gershenovich, A. I.; Stefanovich, V. V.; Gal'braykh, I. Ye.; Alekseyeva, N. A.; Tikhonova, Zh. I.

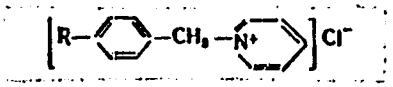
ORG: Scientific-Research Institute of Rubber and Latex Products (Nauchno-issledovatel'skiy institut rezinovykh i lateksnykh izdeliy); "Red Triangle" Plant (zavod "Krasnyy treugol'nik")

TITLE: The use of p-alkylbenzylpyridinium chloride as a vulcanization catalyst for rubber mixtures

SOURCE: Kauchuk i rezina, no. 10, 1965, 27-29

TOPIC TAGS: vulcanization, catalyst, butadiene styrene rubber, synthetic rubber, rubber chemical

ABSTRACT: A cationactive pyridinium compound, p-alkylbenzylpyridinium chloride (katapin):



(1)

where R is an aliphatic radical containing 12-14 carbon atoms, was studied as a vulcanization catalyst. Katapin is a water-soluble dark-brown paste, now being produced on a semi-industrial basis. When large-scale industrial production is organized, katapin production costs will be close to those of captax, the least expensive vulcanization catalyst. Katapin is found to

Card 1/2 UDC: 678.044.004.14

L 22246-66

ACC NR: AP6006493

have medium-strength activity as a vulcanization catalyst. Katapin makes possible the production of NK-base vulcanizates with higher strength properties than that produced by means of the standard catalysts: captax, altax, and DFG. In butadiene-styrene rubber mixtures, katapin comes close in vulcanization activity to that of DFG. Katapin may be used as an independent agent, as well as in combinations with captax, altax, and thiuram. Orig. art. has: 4 tables.

SUB CODE: 07,11 / SUBM DATE: none / ORIG REF: 003 / OTH REF: 004

Card 2/2 mst

ACC NR: AP7002972 (A) SOURCE CODE: UR/0413/66/000/024/0068/0068

INVENTOR: Peschanskaya, R. Ya.; Gorelik, M. V.; Belova, L. N.; Fel'dshteyn, M. S.

ORG: None

TITLE: A method for sulfur vulcanization of raw rubber. Class 39, No. 189566 [announced by the Scientific Research Institute of Rubber and Latex Products (Nauchno-issledovatel'skiy institut rezinovykh i lateksnykh izdeliy)]

SOURCE: Izobreteniya, promyshlennyye obraztsy, tovarnyye znaki, no. 24, 1966, 68

TOPIC TAGS: vulcanization, rubber, sulfur, compound

ABSTRACT: This Author's Certificate introduces a method for sulfur vulcanization of raw rubber in the presence of sulfenamide accelerators. Two increase the scorching resistance of rubber stocks and to produce high-modulus rubber, N-cyclohexyl-N'-(cyclohexamethylenethiocarbamylthio)-2-benzothiazolsulfenamide is used as the sulfenamide accelerator.

SUB CODE: 11/ SUBM DATE: 30Oct65

UDC: 678.4.044.47

Card 1/1

ACC NR: AP7002971 (A) SOURCE CODE: UR/0413/66/000/024/0068/0068

INVENTOR: Peschanskaya, R. Ya.; Forer, Ye. R.

ORG: none

TITLE: Formulation of rubber. Class 39, No. 189564 [announced by the Scientific Research Institute of Rubber and Latex Products (Nauchno-issledovatel'skiy institut rezinovykh i lateksnykh izdeliy)]

SOURCE: Izobreteniya, promyshlennyye obratsy, tovarnnye znaki, no. 24, 1966, 68

TOPIC TAGS: rubber, ~~nonpolar rubber~~, rubber chemical, synthetic rubber, epoxy resin

ABSTRACT: This Author Certificate introduces a method of preparing rubbers from nonpolar rubbers and resin. To increase the flow properties of the rubber, 5 to 15 pt. wt. epoxy resin are added per 100 pt. wt. of the rubber-resin composition. [Translation]

[NT]

SUB CODE: 11/SUBM DATE: 07Sep64/

Card 1/1

UDC: 678.7+678.643'42'5-19

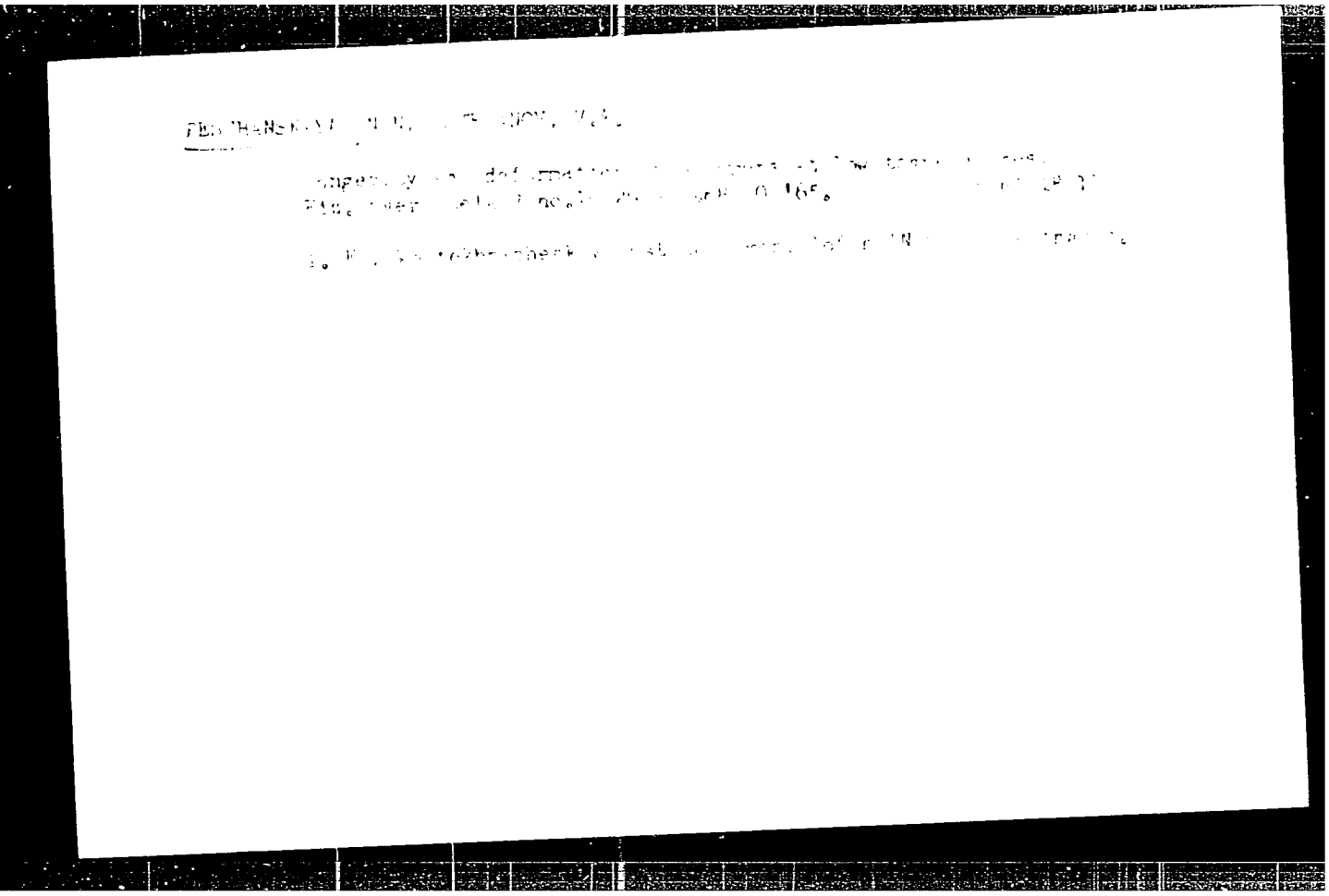
ARKHIPETS, Ye.Ye. (Kiyev); BONDAROVICH, I.M. (Khar'kov); BULANOV, V.N. (Kiyev); GALUSKIN, V.B. (Kiyev); GOGOTSI, O.A. (Nikolayev); GORBUNOVA, N.N., (Kiyev); GORLITSKIY, B.A. (Kiyev); DYADYUSHA, G.G. (Kiyev); KATSNEL'SON, I.Ye. (Dnepropetrovsk); KVITCHUK, E.A. (Kiyev); KIRILLOV, I.A., (Krym) KONOPLYASOVA, N.S. (Chernovtsy); NIKOL'SKIY, V.V. (Kiyev); PONOMARENKO, A.A. (Stanislav); PESCHANSKIY, A.I. (Kiyev); POPOV, V.N. (Kiyev); PTASHNIKOVA, I.V. (Uzhgorod); STESHENKO, N.G. (Kiyev); CHAYKIN, M.M. (Vinnitsa); SHAPOSHNIKOVA, N.N. (Kiyev); SHPORTYUK, V.I. (Kiyev); YANKO, N.M. (Stalinskaya oblast'); SVECHNIKOVA, N., redaktor; SMORODSKIY, V., tekhnicheskiy redaktor

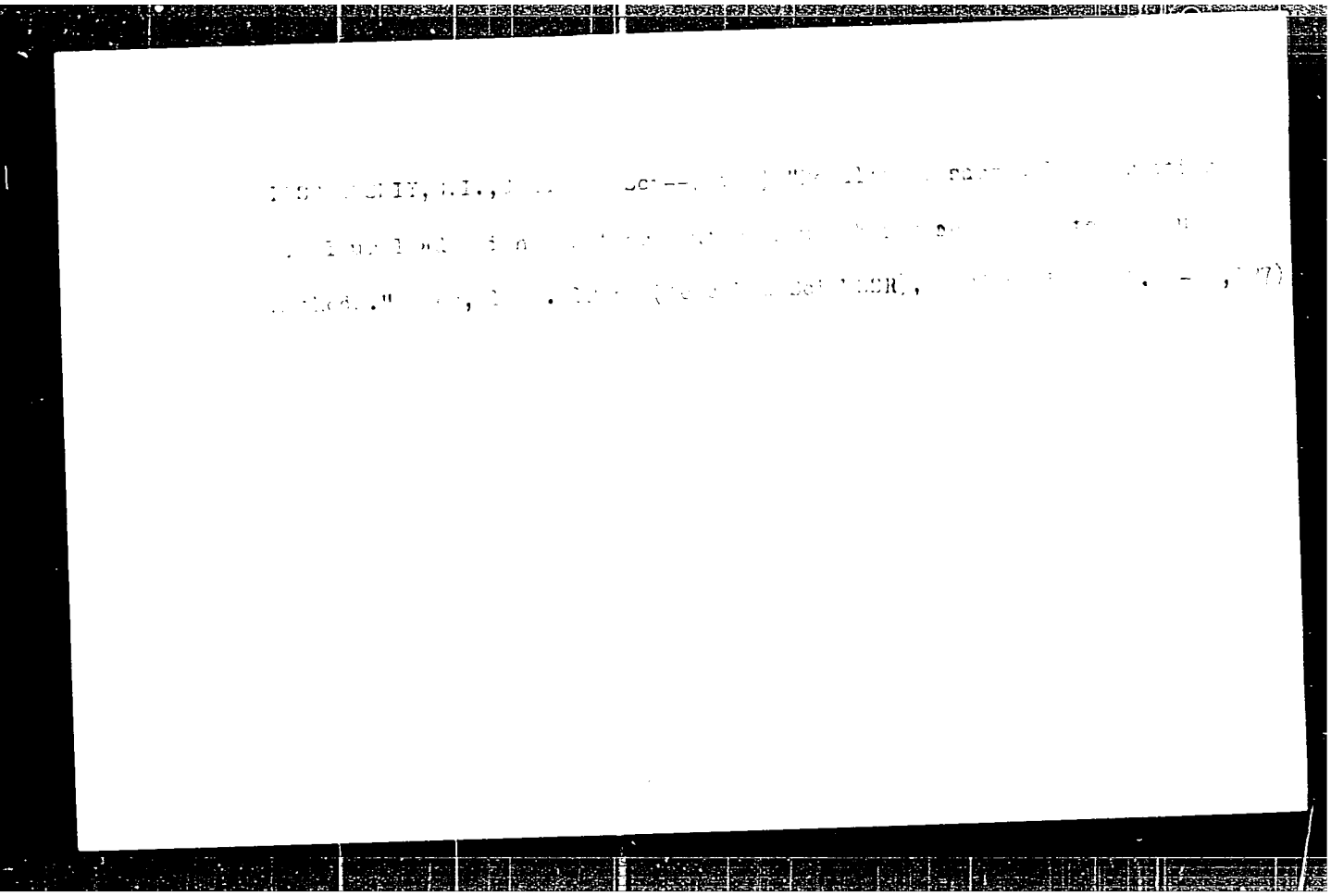
[Tourist routes through the Ukraine] Turistskie marshruty po Ukraine. Kiev, Izd-vo TsK LKSMU "Molod'," 1957. 368 p. (MIRA 10:8)
(Ukraine--Description and travel)

PESCHANSKIY, G.I.

GRINSHFUNT, Ye.M., kandidat meditsinskikh nauk (Pushkino Moskovskoy oblasti); PESCHANSKIY, G.I. (Pushkino Moskovskoy oblasti).

Therapeutic significance of blood transfusion in pulmonary tuberculosis. (MLRA 8:4)
Probl. tub. no.1:28-34 Ja-F '55.
(TUBERCULOSIS, PULMONARY, therapy,
blood transfusion)
(BLOOD) TRANSFUSION, in various diseases,
tuberc., pulm.)





PESCHANSKIY, G.I., kand.med.nauk

Functional restoration in a rigid lung after decortication in contralateral thoracoplasty. Probl.tub. 39 no.3:107-108 '61. (MIRA 14:5)

(LUNGS—COLLAPSE)

PEZHANSKIY, I. S.

"Distribution of Strength of Ice According to Thickness and its Measurement in the Course of a Year," Problems of the Arctic, No 2, 1946 (43-63).
(Meteorologiya i Gidrologiya, No 6 Nov/Dec 1947)

SO: U-3216, 3 Apr 1953

PESCHANSKIY, I. [S.J], kandidat geograficheskikh nauk.

Polar ice. Vokrug sveta no.10:8-11 O '54. (MLRA 7:10)
(Ice--Arctic regions)

PESCHANSKIY, Ivan Stepanovich; MINKYEV, A.I., redaktor; OFINA, V.I., redaktor izdatel'stva; TIKHONOVA, Ye.A., tekhnicheskiy redaktor

[The ice element] Stikhiia l'da. Moskva, Izd-vo "Morskoi transport," 1957. 115 p. (MLRA 10:8)
(Arctic regions)

PESCHANSKIY, I.S.

Some problems in Arctic ice research. Probl. Arkt. no.2:161-170 '57. (MIRA 11:12)

(Arctic regions--Ice)

PESCHANSKIY, I.S.
All-Union Arctic Scientific Research Instiute, Moscow

"Physical and Mechanical Properties of Arctic Ice and Methods of Research,"
(English) 17 pp
paper submitted at Arctic Sea Ice Conference, Easton, Md., 24-27 Feb 58

PESCHANSKIY, Ivan Stepanovich; IVANOVA, Z.D., red.; LAVRENOVA, N.B., tekhn.red.

[Ice, a grain of sand, and the sun] Led, peschinka i solntse. Moskva, Izd-vo "Morskoi transport," 1960. 120 p. (MIRA 13:10)

(Ice on rivers, lakes, etc.)

AVSYUK, G.A.; GRAVE, N.A.; KOTLYAKOV, V.M.; PESCHANSKIY, I.S.; TUSHINSKIY, G.K.

[Report on research in glaciology, 1960-1962; presented to the International Association of Hydrology and the International Snow and Ice Commission for the 13th General Assembly of the International Union of Geodesy and Geophysics] Soobshchenie o nauchnykh rabotakh po gliatsiologii, 1960-1962 gg.; predstavliaetsia v Mezhdunarodnuiu assotsiatsiiu nauchnoi gidrologii i Mezhdunarodnuiu komissiiu snega i L8da k XIII General'noi Assamblee Mezhdunarodnogo geodezicheskogo i geofizicheskogo soiuza. Moskva, AN SSSR, 1963. 109 p. (MIRA 17:3)

1. Akademiya nauk SSSR. Mezhduvedomstvennyy geofizicheskiy komitet. 2. Predsedatel' sektsii glyatsiologii Sovetskogo geofizicheskogo komiteta (for Avsyuk). 3. Byuro sektsii glyatsiologii Sovetskogo geofizicheskogo komiteta (for Grave, Kotlyakov, Peschanskiy, Tushinskiy).

PESCHANSKIY, I.S.

Arctic and Antarctic sea ice. Probl. Arkt. i Antarkt. no. 4:111-129 '60. (MIRA 13:12)

(Arctic regions--Sea ice)
(Antarctic regions--Sea ice)

PESCHANSKIY, I.S., professor, doktor geograficheskikh nauk

Sun and ice; new methods to accelerate melting. Priroda 49 no.7:49-54 Jl '60. (MIRA 13:7)

1. Rukovoditel' Ledoissledovatel'skoy laboratoriyey Arkticheskogo nauchno-issledovatel'skogo instituta Glavnogo upravleniya Severnogo morskogo puti, Leningrad.
(Ice on rivers, lakes, etc.)

PESCHANSKIY, Ivan Stepanovich, prof., doktor geogr. [illegible];
TSYSKOVSKIY, E.S., red.; KOTLYAKOVA, O.I., tekhn. red.

[Study of ice and ice technology] Ledovedenie i ledotekhnika. Leningrad, Izd-vo "Morskoi transport," 1963. 345 p.
(MIRA 16:10)

(Ice crystals) (Sea ice)

PESCHANSKIY, I.S.

Some problems of cryology. Trudy AANII 267:5-12 '64 (MIRA 18:1)

PESCHANSKIY, I.S.; SHVAYSHTEYN, Z.I.; KAGAN, G.L.; NAZINTSEV, Yu.L.

Mechanical properties of consolidated ice. Probl. Arkt. i Antarkt. no.16:45-53 '64. (MIRA 17:6)

PESCHANSKIY, O.V.

New apparatus for continuous printing of 35mm and 16mm motion-picture films and microfilm copies. Tekh.kino i telev. 4 no.6: 71-72 Je '60. (MIRA 13:7)
(Microfilms)
(Motion-picture photography--Films)

PESCHANSKIY, V.

British workers press their cause against the capitalists. Sov. profsoiuzy 5 no.5:85-88 My '57. (MLRA 10:6)
(Great Britain--Strikes and lockouts)

TIMOFEYEV , T., otv. red.; MAYDANIK, K., red.; PESCHANSKIY, V., red.; FOMENKO, I.P., red.; MESHALKIN, V.I., tekhn. red.

[Class struggles are shaking the capitalist world; A new surge of the revolutionary worker's movement]Klassovye bitvy sotriasaiut mir kapitala, novyi pod"em reboliutsionnogo rabochego dvizheniia. Moskva, Profizdat, 1962. 334 p. (MIRA 16:3)

(Labor and laboring classes)