PASHKA, V.K.

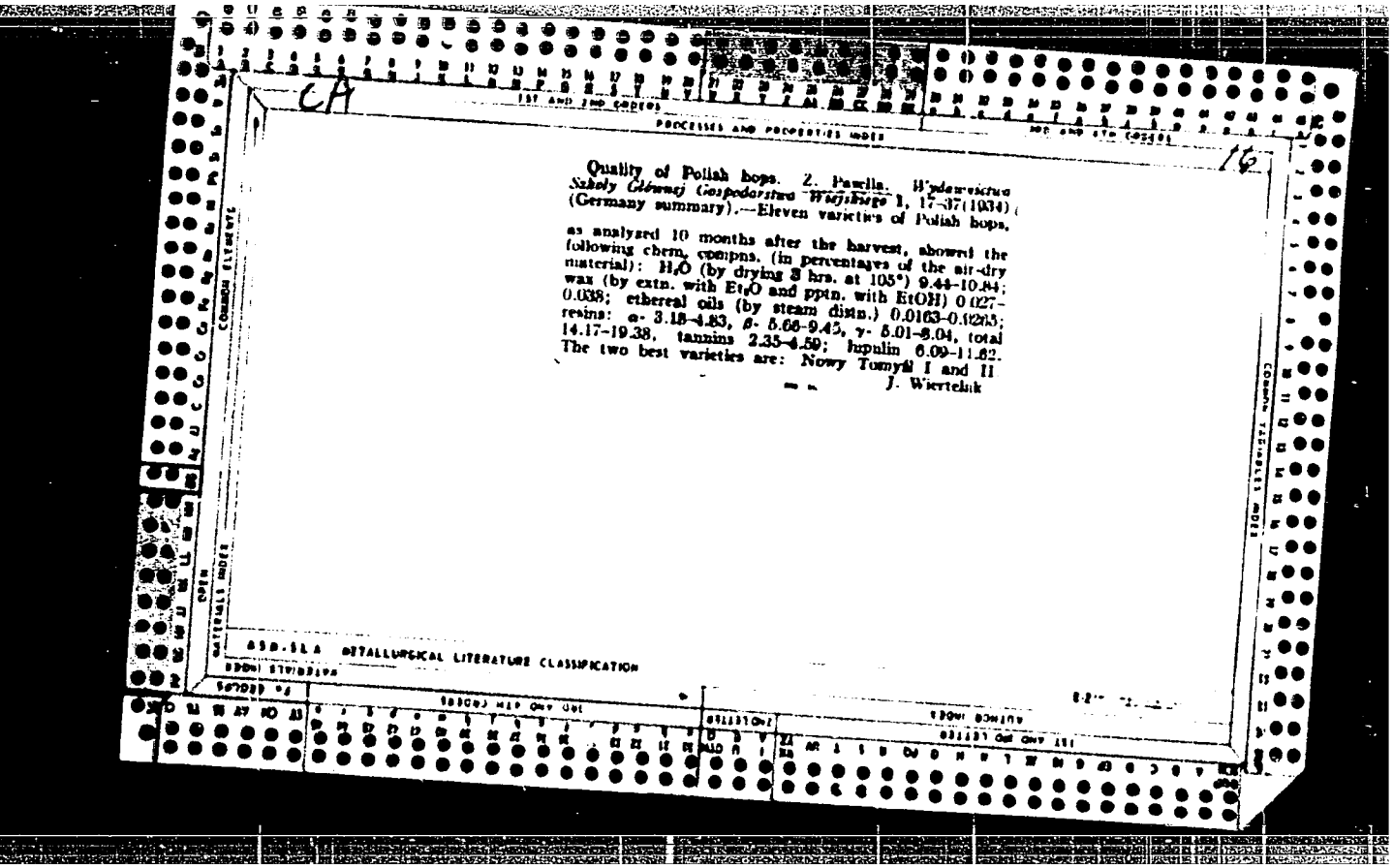
Practices in producing barley crops. [illegible]
My '65.

1. Glavnyy agronom sovkhoza "Ukraina", Vinnitskogo rayona Vinnitskoy oblasti.

GORCHEV, I.I.; PASEKOVA, V.D.; DARKOV, G.V.; DUNDUKOV, G.F., red.; FILIPPOVA, E., red.; LEBEDEV, A., tekhn. red.

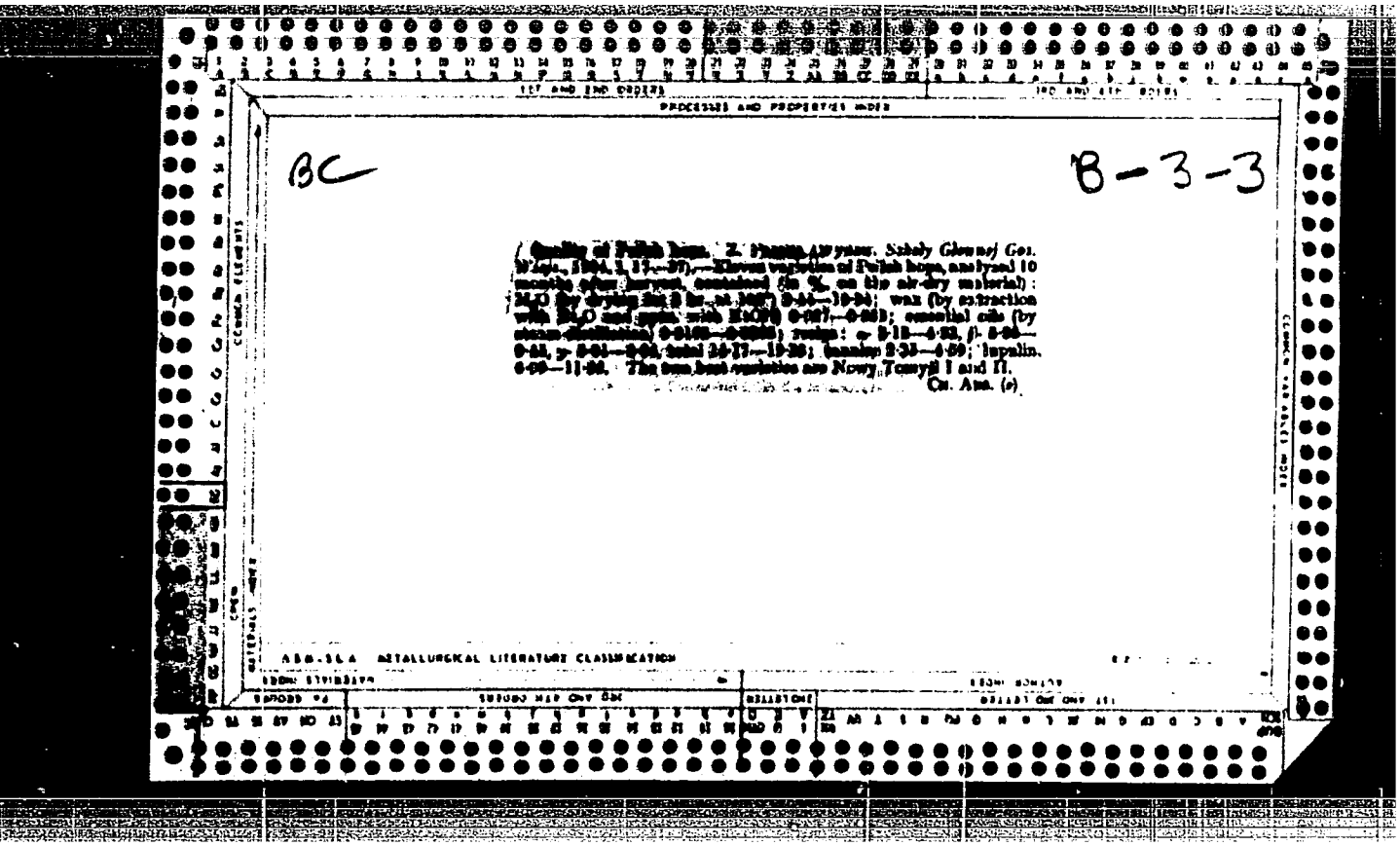
[State budget of the U.S.S.R. and the budgets of the Union Republics; statistical collection] Gosudarstvennyi biudzhet SSSR i biudzhety soiuznykh respublik; statisticheskii sbornik. Pod red. G.F.Dundukova. Moskva, Gosfinizdat, 1962. 222 p. (MIRA 15:6)

1. Russia (1923- U.S.S.R.) Byudzhetnoye upravleniye. 2. Otdel finansovo-ekonomicheskoy statistiki Byudzhetnogo upravleniya Ministerstva finansov SSSR (for Gorchev, Pasekova, Darkov).
(Budget) (Russia--Statistics)



Quality of Polish hops. Z. Pawlik. *Wydawnictwa Szkoły Głównej Gospodarstwa Wiejskiego* 1, 17–37 (1934) (Germany summary).—Eleven varieties of Polish hops, as analyzed 10 months after the harvest, showed the following chem. compns. (in percentages of the air-dry material): H_2O (by drying 3 hrs. at 105°) 9.44–10.84; wax (by extn. with Et_2O and pptn. with EtOH) 0.027–0.038; ethereal oils (by steam distn.) 0.0163–0.0265; resins: α- 3.18–4.83, β- 5.66–9.45, γ- 5.01–8.04, total 14.17–19.38, tannins 2.35–4.59; lupulin 6.09–11.62. The two best varieties are: Nowy Tomyśl I and II

J. Wiertelak



PASELLA, Z.

"Outline of the Working Plan of the Scientific-Technical Association of Agricultural Engineers and Technicians for 1954," P. 104. (PRZEGLAD TECHNICZNY, Vol. 75, No. 5, May 1954, Warszawa, Poland)

SO: Monthly List of East European Accessions, (EEAL), LC, Vol. 4, No. 1, Jan. 1955 Uncl.

AUTHOR: Paselskaya E.M., Engineer.

TITLE: To improve the technique for drilling and blasting in stone quarries. (Uluchshit''tekhnologiyu buro-vezryvnykh rabot na buto-shchebenochnykh kar'erakh.)

PERIODICAL: "Mekhanizatsiya Stroitel'stva" (Mechanisation of Construction), 1957, Vol. 14, No. 1, pp. 14 - 16 (U.S.S.R.)

ABSTRACT: At present the drilling of rock in quarries is carried out by a vibrating drilling machine BU-2-20. The secondary drilling is carried out by a drill. Quarrying is done in steps, the height of the riser being 8 - 12 m. The width of the bench equals the height + 0.6 to 1.5 m. The diameter of the bore is 180 - 200 mm. The output of the vibro-driller varies between 10 - 30 m^3, according to the hardness of the rock formation. Stone quarried for building purposes is subjected to secondary drilling. The output for granite per shift equals 2-2.5 m. The cost of the blasting operation represents 15 - 20% of the final cost of the product. Drilling is carried out 3 m from the edge of the bank. In the Zhiguleysk quarry of the Kuibyshev Gidrostroi an excavator with a 3 m^3 bucket is used for stones up to 1 000 mm. During the first drilling only 10% of the quarried stone is in the range 1 200 - 1 500 mm size. The removal of stones of unsuitable size is most important for quarries with an annual output of up to

NIKITIN, Nikolay Nikiforovich; FETISOV, Antonin Ivanovich; PASEL'SKIY, S.V., redaktor; RYBIN, I.V., tekhnicheskiy redaktor

[Geometry; a textbook for classes 6-9 in the seven-year and secondary schools] Geometriia; uchebnik dlia 6-9 klassov semiletnei i srednei shkoly. Moskva, Gos. uchebno-pedagog. izd-vo Ministerstva prosveshcheniia RSFSR. Pt.1. 1956. 198 p. (MLRA 9:7)
(Geometry)

KOSTKIEWICZOWA, Danuta; PASENKIEWICZ, Wanda; SZUBERLAK, Krystyna

Anniversary of Associate Professor Dr. Ludwik Sieppel. Czas. stomat. 19 no.1:83-87 Ja '66.

PASZKIEWICZ, Wanda

Disinfection of plate prothesis of acrylane plastmass. Czas. stomat. 19 no.1:123-127 Ja '66.

1. Z Zakladu Protetyki Stomatologicznej AM w Krakowie (Kierownik: doc. dr. L. Sieppel) i z Zakladu Mikrobiologii Lekarskiej AM w Krakowie (Kierownik: prof. dr. Z. Przybylkiewicz).

PASHKO,A.

Conference on the subject of eliminating automobile accidents.
Avt. transp. 33 no.5:39 My '55. (MLRA 8:8)
(Rostov--Traffic accidents--Congresses)

PASENKO, A.F.

Determination of the coefficient of surface tension. Fiz. v shkole 15 no.3:65-66 My-Je '55. (MLRA 8:6)

1. Velikoburlukskaya srednyaya shkola (Khar'kovskaya oblast')
(Surface tension)

PASHKO, A.F.

A transparent steam-engine model. Fiz.v shkole 16 no.1:54-57 Ja-Fe '56. (MLRA 9:3)

1. Velikoburlukskaya srednyaya shkola Khar'kovskoy oblasti.
(Steam engines--Models)

PASENKO, D.I.

3587. PASENKO, D.I. Opyt Raboty Po Polucheniyu Vysokikh Nadoev Moloka (Kolkhoz "Zavet Lenina" Floresht. Rayona) Kishinev, Partizdat, 1954. 18s 14sm. (M-Vo Sel'Skogo Khozyaystva Moldav. SSR. K. Resp. Soveshchaniyu Peredovikov-Zhivotnovodov Moldavii. Dok. 1954 g.) 2,000ekz. Bespl-- Na Pravakh Rukopisi--Na Moldav. Yaz.-- (54-57307) 636.2.083 st (47.75)

SO: Knizhnaya Letopis', Vol. 3, 1955

2266 Pasenko, D. T.

Opyt Raboty Po Polucheniyu Vysokikh Nadoyev Moloka. (Kolkhoz "Zavet Lenina" Floresht. Rayona). Kishinev, Partizdat, 1954. 16s. 14sm. (M-Vo Sel'skogo Khozyaystva Moldav. SSR. K. Resp . Soveshchaniyu Peredovikov-Zhiv-Otnovodov Moldavii. Dek. 1954 G.) 2.000 EKZ. Bespl. - Na Pravakh Rukopisi-
(54-55894) 636.2.083st(47.7)

PASENKO, D.T., Geroy Sotsialisticheskogo Truda

Contribution of the "Zavet Lenina" Collective Farm to the seven-year plan. Zhivotnovodstvo 21 no.4:9-18 Ap '59. (MIRA 12:5)

1. Predsedatel' kolkhoza "Zavet Stalina," Floreshtskogo rayona Moldavskoy SSR.
(Stock and stockbreeding)

GALITSKIY, Nikolay Fedorovich; MOISEYEV, Anatoliy Aleksandrovich; OGLOBLIN, Georgiy Aleksandrovich; PASENKO, Igor' Aleksandrovich; FRUMKIN, Boris Solomonovich; ZOTIKOV, G.I., doktor tekhn. nauk, retsenzent; MOISEYEV, A.A., nauchnyy red.; SHAURAK, Ye.N., red.; FRUMKIN, P.S., tekhn. red.

[Design of gas-turbine plants]Konstruktsii gazoturbinnykh ustanovok; opisanie. [By] N.F.Galitskii i dr. Leningrad, Sudpromgiz, 1962. 163 p. (MIRA 15:9)
(Gas turbines--Design and construction)

S/114/62/000/005/001/006
E194/E454

AUTHOR: Pasenko, I.A., Engineer

TITLE: The principal design features of gas turbine type ГТУ-20 (GTU-20)

PERIODICAL: Energomashinostroyeniye, no.5, 1962, 8-12

TEXT: The first Soviet gas turbine ship propulsion plant type GTU-20 made by the Leningradskiy Kirovskiy zavod (Leningrad Kirov Works) is described. The complete propulsion plant type GTU-20 consists of two identical gas turbines driving the ship's screw through a common reduction gear. Each of these consists of the following main components: a high pressure turbo compressor consisting of a high pressure turbine driving a high pressure compressor; a low pressure turbine which drives the low pressure compressor and delivers useful output; the intermediate gas-duct between the high and low pressure turbines; auxiliary equipment, starting and barring gear; remote control equipment, combustion chamber, air cooler, heat exchanger (for the regenerative variant) and suitable air and gas ducting. The following performance data are respectively with and without the regenerative heat exchanger:

Card 1/2

The principal design ...

output, h.p., 6500 and 7900; specific fuel consumption, g/h.p. hour, 225 and 255; overall efficiency, %, 28 and 25; design life, 80000 hours. In either case gas enters the high pressure turbine at 750°C; this turbine runs at 7100 rpm, the low pressure turbine at 5860 rpm. The equipment is described in some detail, emphasis being placed on the ease of manufacture of the compressor blading. Performance curves are given; it is claimed that the equipment is suitable for other uses besides ship propulsion. Every unit made undergoes prolonged works testing at full load in order to make a complete check on the design and to check the reliability for many hundreds of hours of service. There are 6 figures and 4 tables.

Card 2/2

GALITSKIY, Nikolay Fedorovich; MOISEYEV, Anatoliy Aleksandrovich; OGLOBLIN, Georgiy Aleksandrovich; PASENKO, Igor' Aleksandrovich; FRUMKIN, Boris Solomonovich; ZOTIKOV, G.I., doktor tekhn. nauk, retsenzent; SHAURAK, Ye.N., red.; FRUMKIN, P.S., tekhn. red.

[Designs of gas turbine systems; album of drawings] Konstruktsii gazoturbinnykh ustanovok; al'bom illiustratsii. Leningrad, Sudpromgiz, 1962. 99 p. ___[Description] Opisanie. 163 p. (MIRA 15:6)

(Gas turbines--Design and construction)

GALITSKIY, Nikolay Fedorovich; MOISEYEV, Anatoliy Aleksandrovich; OGLOBLIN, Georgiy Aleksandrovich; PASENKO, Igor' Aleksandrovich; FRUMKIN, Boris Solomonovich; ZOTIKOV, G.I., doktor tekhn. nauk, retsenzent; MOISEYEV, A.A., nauchnyy red.; SHAURAK, Ye.N., red.; FRUMKIN, P.S., tekhn. red.

[Design of gas turbine plants]Konstruktsii gazoturbinnykh ustanovok; opisanie. [By]N.F.Galitskii i dr. Leningrad, Sudpromgiz, 1962. 163 p. (MIRA 16:4)
(Marines gas turbines—Design and construction)

KURZON, A.G.; STAROSTENKO, A.K.; MEZHLUMOV, A.Ya.; [illegible], I.A.; BYKOV, Yu.V.; VOL'PER, Ye.I.; GITEL'MAN, A.I.; [illegible]; ILIN, K.V.; SAVITSKIY, T.A.

Principal results of testing the Soviet gas turbine plant (GTU-2C) for seagoing vessels. **Sudostroenie** [illegible]. (MIRA 18:9)

L 58945-65 EPA/EWT(m)/EWP(w)/EWP(f)/EPF(n)-2/EWP(v)/EPR/T-2/EWP(k) Pe-4/
Pf-4/Paa-4 EM/WW

ACCESSION NR: AP5017872 UR/0286/65/000/011/0118/0118
621.438.216

AUTHOR: Panenko, I. A.

TITLE: Gas turbine stator. Class 46, No. 171699

SOURCE: Byulleten' izobreteniy i tovarnykh znakov, no. 11, 1965, 118

TOPIC TAGS: gas turbine stator, stator

ABSTRACT: An Author Certificate has been issued for a gas turbine stator consisting of guide vanes combined with slit rings which are connected to the outer cooled casing by rods which pass through the housing (see Fig. 1 of the Enclosure). To automatically regulate the radial clearance between the ends of the impeller blades and the slit rings, the rods are equipped with electric heating coils. [WH]

ASSOCIATION: none

SUBMITTED: 08Apr64 ENCL: 01 SUB CODE: PR

NO REF SOV: 000 OTHER: 000 ATD PRESS: 4051

Card 1/2

L 58945-65
ACCESSION NR: AP5017872

ENCLOSURE: 01

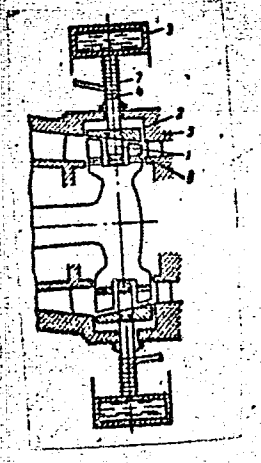


Fig. 1. Gas turbine stator

1 - Guide vanes; 2 - slit ring; 3 - outer casing; 4 - radial rod; 5 - housing; 6 - impeller blades; 7 - electric coils.

Card 2/2

POSKOTIN, D.L., dots.; PASENKO, P.N., inzh.

Sampling control in the Pyshma deposit mines. Izv.vys.ucheb. zav.; gor.zhur. no.2:44-53 '59. (MIRA 13:4)

1. Sverdlovskiy gornyy institut imeni V.V.Vakhrusheva. Rekomendovana kafedroy poiskov i razvedki mestorozhdeniy poleznykh iskopayemykh.
(Pyshma--Ore deposits) (Ores--Sampling and estimation)

PASENCHENKO, P.M., inzh.

Hydraulic loader of the coupling bar in the MT3-50PL tractor. Mekh. sil'. hosp. 14 no.6:14-15 Je '63. (MIRA 17:3)

M-5

Country : USSR
CATEGORY :

8

AUTHOR :
INST. :
TITLE :

ORIG. PUB. :

ABSTRACT :

TAPE: //

PASENKOV, A.K.; RIKHTER, A.A., kand. sel'skokhoz. nauk

Breeding walnut for frost resistance in conditions of the Crimea. Agrobiologiia no.4:562-568 Jl-Ag '65. (MIRA 18:7)

1. Gosudarstvennyy Nikitinskiy botanicheskiy sad, Yalta.

PASENKOV, R. Ye.

Nuclear Sci. abs. v-8 Jan 15, 1954 Physics

THE THEORY OF FERROELECTRICITY. G. A. Smolenskii and R. E. Pasynkov. Translated by J. H. [illegible] from Doklady Akad. Nauk S.S.S.R. 79, 431-4(1951). 10p. (AEC-tr-1267)

Phys 3

6/11/54

DARKOV, G.V., Prinimali uchastiye: GORCHEV, I.I.; DREYSIN, G.I.; DRABENOK, P.D.; LUK'YANOVA, Ye.D.; PASEKOVA, V.D.; TYATOVA, G.S.; FILIPPOVA, A.N., IL'VOVSKIY, S.Z., otv.red.; ROSHCHINA, L., red.; TELEGINA, T., tekhn.red.

[Local budgets of the U.S.S.R.; statistical collection] Mestnye biudzhety SSSR; statisticheskii sbornik. Moskva, Gosfinizdat, 1960. 326 p. (MIRA 13:7)

1. Russia (1923- U.S.S.R.) Byudzhetnoye upravleniye. (Budget--Statistics)

PASENYUK, Leonid Mikhaylovich; VETROVA, L.D., red.; DUKHNO, V.I., tekhn. red.

[Traveling through the fiery ring] Idu po ognennomu kol'tsu. Krasnodar, Krasnodarskoe knizhnoe izd-vo, 1962. 231 p. (MIRA 15:11)

(Kurile Islands—Volcanoes)
(Kamchatka—Volcanoes)

COJOCARU, Gh., ing.; PASERE, E., ing.; POPESCU, P., ing.

Automation elements in the textile industry; characteristics, classification, qualities, mechanical transducers. Ind text Rum 14 no.3:100-105 '63.

COJOCARU, Gh., ing.; PASERE, E., ing.; POPESCU, P., ing.

Electric and temperature transductors used in the automation installations of the textile industry. Ind text Rum 14 no.6: 247-257 Je '63.

COJOCARU, Gh., ing.; POPESCU, P., ing.; TASERE, E., ing.

Automation in the textile industry; optic and radiative transductors. Ind text Rum no. 3: 113-125 Mr '64.

PASERE, E., ing.; POPESCU, P., ing.; COJOCARU, Gh., ing.

Automation in the textile industry amplifiers. Ind text Rum 15 no. 5:225-233 My '64.

1. Institute of Electrotechnical Research, Bucharest (for Pasere). 2. Technical Department, Ministry of Light Industry (for Popescu). 3. "Crinul" Knitwear Factory, Bucharest (for Cojocaru).

POPESCU, P., ing.; COJOCARU, Gh., ing.; PASERE, E., ing.

Simple pedal regulator as an open circuit automatic installation.
Ind text Rum 15 no.12:656-658 D '64.

1. Technical Directorate, Ministry of Light Industry (for Popescu).
2. "Crinul" Knitwear Factory, Bucharest (for Cojocaru). 3. Electrotechnical Research Institute, Bucharest (for Pasere).

PASERE, E., ing.; COJOCARU, Gh., ing.; POPESCU, P., ing.

Automation in the textile industry. Ind text Rum 13 no.12: 479-482 D '62.

1. Institutul de Cercetari Electrotehnice (for Pasere).
2. Fabrica de Tricotaje "Bella Brainer" (for Cojacaru).
3. Ministerul Industriei Usoare, Directia tehnica (for Popescu).

PASERE, Emil, ing.

Safeguard of electric generators against fire. Energetica Rum 11 no.8:428-432 Ag '63.

POPA, Septimiu, ing.; PASERE, Petre, ing.

On the improvement of durability of the 6.7 ton ingot molds manufactured and used at the Metallurgic Combinate of Hunedoara. Metalurgia constr mas 13 no.10:858-862 O '61.

(Rumania--Steel ingots)
(Strength of materials)

PASERIN, V.

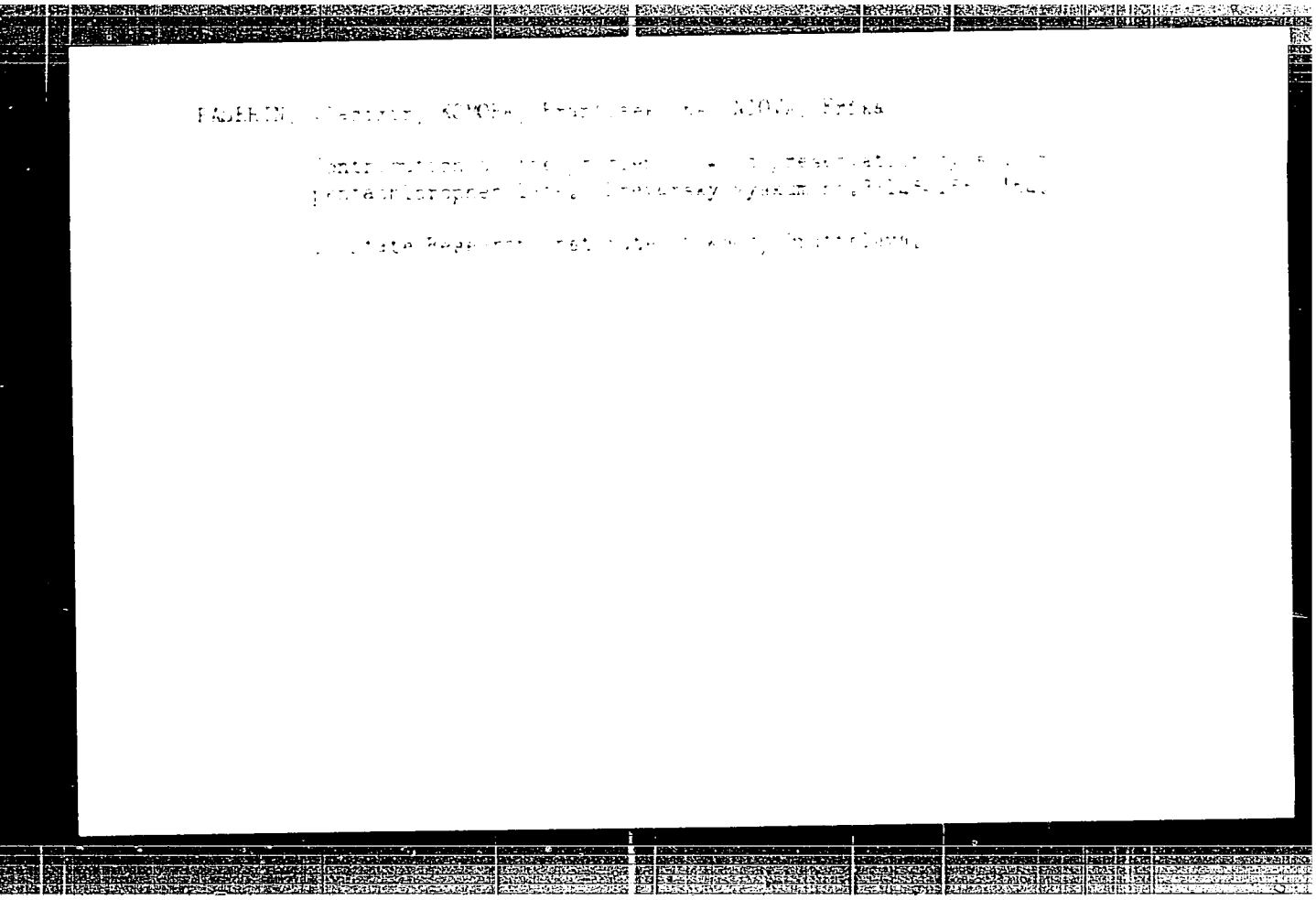
"New fire-fighting equipment." Technicka Praca, Pratislava, Vol. 6, No. 1, Jan .1954,p. 78.

SO: Eastern European Accessions List, Vol. 3, No. 11, Nov. 1954, [illegible]

PASERIN, Vladimir, ing.

New Czechoslovak Standard on wood protection. Drevo 19 no.3: 115-116 Mr '64

1. State Research Institute of Wood Industry.



KACANIOVA, Erika, promovany biolog; PASERIN, Vladimir, inz.

Toxic properties of wash oil. Drevo 18 no.4:145-146 '63.

1. Statny drevarsky vyskumny ustav, Bratislava.

Radio-tracer methods of studying ...

hollow cast iron cylinder rotates. A heated plate is contained in the oil and lacquer formation on this plate is assessed by the absorption of β-radiation. Wear is assessed by measuring the radioactivity of the oil. The test sample of 25 ml is heated up to 190 °C during the test by the combined effects of the hot surface and friction. The test lasts for 5 hours. The combination of wear and oxidation test provides an effective way of differentiating between oils.
There are 5 figures and 4 tables.

Card 3/3

GUSEVA, A.R.; PASESHNICHENKO, V.A.; BORIKHINA, M.G.

Synthesis of radioactive mevalonic acid and its use for the study of the biosynthesis of steroid glycoalkaloids in Solanum. Biokhimiia 26 no.4:723-728 Jl-Ag 61. (MIRA 15:6)

1. Institute of Biochemistry, Academy of Sciences of the USSR, Moscow.
(ALKALOIDS) (NIGHTSHADE) (MEVALONIC ACID)

BOPIKHINA, M.G.; PASESHNICHENKO, V.A., GUSEVA, A.R.

Quantitative determination of β-ionone, ethyl alcohol in essential oils. Prikl. biokhim. i mikrobiol. 1 no. 6. (MIRA 18:12)

1. Institut biokhimii imeni Bakha AN SSSR. Submitted April 16, 1965.

GUSEVA, A.R.; PASESHNICHENKO, V.A.

Effect of the fermentation of rose petals on the terpene alcohol content in rose oil. Prikl. biokhim. i mikrobiol. 1 no. 6:731 N-D '65. (MIRA 18:12)

1. Institut biokhimii imeni Bakha AN SSSR. Submitted Nov. 10, 1965.

GUSEVA, A.R.; PASESHNICHENKO, V.A.; BORIKHINA, M.G.; MOISEYEV, R.K.

Determination of steroid glycoalkaloids in Solanum laciniatum. Biokhimiia 30 no.2:260-267 Mr-Ap '65. (MIRA 18:7)

1. Institut biokhimii imeni Bakha AN SSSR, Moskva.

PASESHNICHENKO, V. A., Cand Biol Sci -- (diss) "Investigations in regard to glycoalkaloids of the potato." Mos, [Publication of Acad Sci USSR], 1957. 16 pp (Acad Sci USSR, Inst of Biochemistry im A. N. Bakh), 120 copies (KL, 52-57, 105)

BUSEVA, A.R.; PASESHNICHENKO, V.A.; BOFIKHINA, M.G.

Inclusion of $C^{14}O_2$ into glycoalkaloids in the leaves of Solanum aviculare. Biokhimiia 28 no.4:709-711 Jl-Ag '63. (MIRA 18:3)

1. Institut biokhimii imeni Bakha AN SSSR, Moskva.

PASESHNICHENKO, V. A., GUSEVA, A. R., (USSR)

"Biosynthesis of Steroid Aglycone."

Report presented at the 5th Int'l. Biochemistry Congress, Moscow, 10-16 Aug 1961.

GUSEVA, A.R.; BORIKHINA, M.G.; PASESHNICHENKO, V.A.

Use of acetate in the biosynthesis of chaconine and solanine in potato sprouts. Biokhimiia 25 no.2:282-284 Mr-Ap '60. (MIRA 14:5)

1. Institut biokhimii im. A.N.Bakha Akademii nauk SSSR, Moskva.
(SOLANINE) (CHACONINE) (ACETATES)

GUSEVA, A.R.; PASESHNICHENKO, V.A.

Enzymatic hydrolysis of glycoalkaloids contained in Solanum aviculare. Biokhimiia 24 no.3:563-565 My-Je '59. (MIRA 12:9)

1. Institute of Biochemistry, Academy of Sciences of the U.S.S.R., Moscow.

(ALKALOIDS,
Solanum aviculare gluco-alkaloids, (enzymatic hydrolysis (Rus))
(GLUCOSIDES,
same)

PASESHNICHENKO, V.A.

Solanin and chaconin content of potatoes during the growing period [with summary in German]. Biokhimiia 22 no.6:981-983 N-D '57. (MIRA 11:2)

1. Institut biokhimii im. A.N.Bakha Akademii nauk SSSR, Moskva.
(POTATOES) (ALKALOIDS)

PASHSHNICHENKO, V.A.; GUSEVA, A.R.

Quantitative determination of glyco-alkaloids in potatoes and their separation. Biokhimiia 21 no.5:585-590 S-O '56. (MLRA 9:12)

1. Institut biokhimii im. A.N.Bakha Akademii nauk SSSR, Moskva.
(POTATOES,
gluco-alkaloids, determ. (Rus))

Pasechnichenko, V.A.

3

2487. Tomatinase in tomato leaves. S. M. Prosichev, E. T. Petrochenko and V. A. Pasechnichenko *Doki. Akad. Nauk S.S.S.R.*, 1956, 106, 313—315 (A.N. Bakh Inst. Biochem. Acad. Sci., U.S.S.R., Moscow, U.S.S.R.).—A new enzyme, tomatinase obtained from tomato leaves, was found to split off the sugar residue from the steroid glycoalkaloids, tomatin (from cultivated tomato leaves) and demissin (from the leaves of *Solanum demissum*) but did not hydrolyse the analogous glycoalkaloid from cultivated potatoes, solanine. Since the sugar residue in demissin and tomatin is identical (2 glucose, 1 galactose and 1 xylose residue) the aglycones being different, the enzyme is specific for the type of sugar linkage present. The sugar residue in solanine consists of a branched chain of galactose, glucose, and rhamnose and the enzyme which hydrolyses it, solaninase (*ibid.*, 1953, 90, 1091) is inactive with tomatin and demissin. The optimum pH for tomatinase is 5·5—6·5 (18—37°). (Russian)

A. K. Chrzanowski

PASESHNICHENKO, V. A.

Med

2

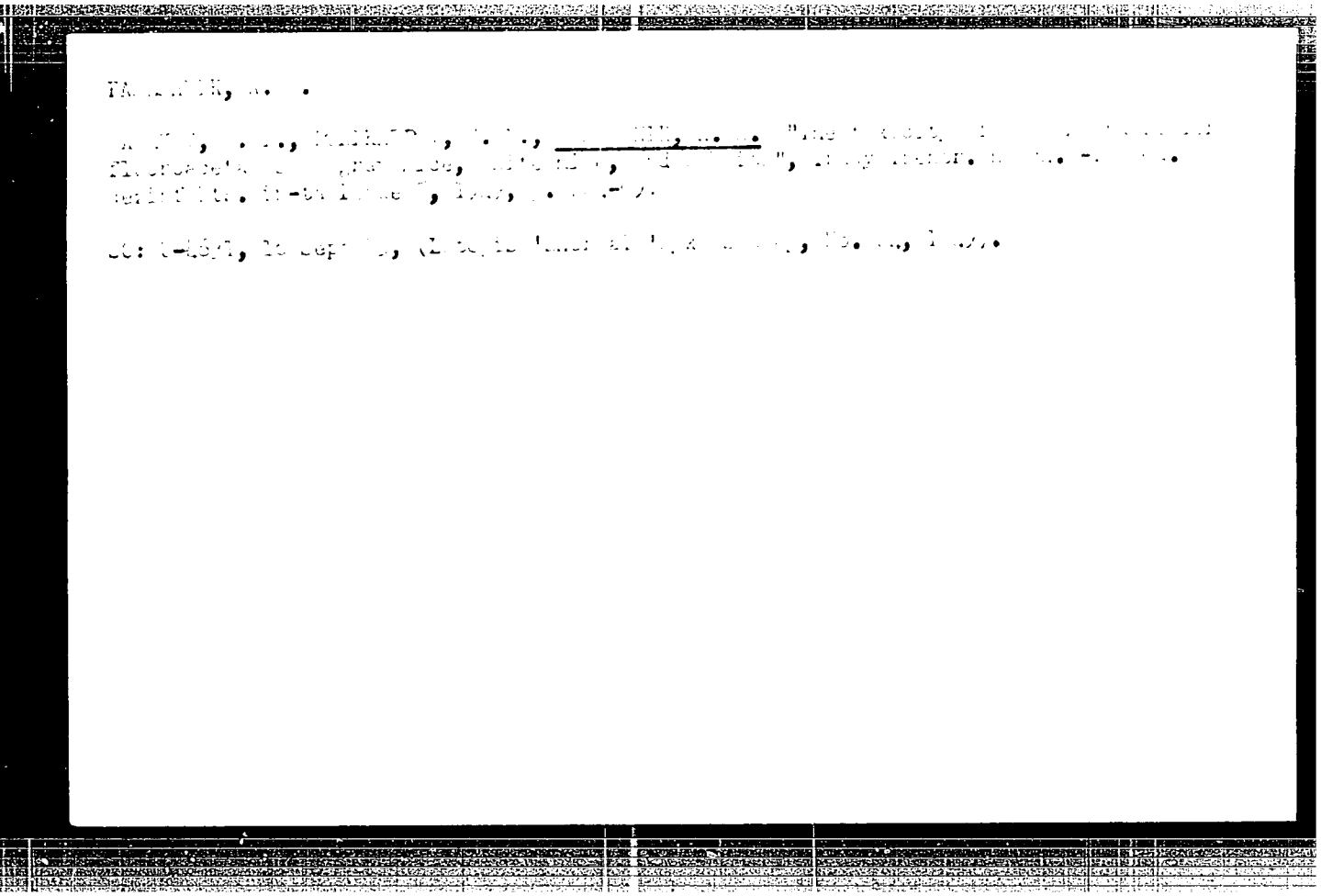
The quantitative determination of the glycoalkaloids of the potato and methods for their separation. V. A. Paseshnichenko and A. F. Guseva (A. N. Bakh Inst. Biochem., Acad. Sci. U.S.S.R., Moscow). *Biokhimiya* 21, 585–90 (1956).—The sequence of the sugars in α-chaconine of *Solanum tuberosum* and of *S. chacoense* can be arranged as follows: solanidine-glucose-rhamnose-rhamnose. α-Chaconine constitutes 90% of all the alkaloids in these plants. The remaining 5% are β- and γ-solarine and β- and γ-chaconine. α-Solanine contains: solanidine, galactose, glucose, and rhamnose; β-solanine: solaridine, galactose, glucose; γ-solanine: solanidine, galactose; β-chaconine: solanidine, glucose, rhamnose; γ-chaconine: solanidine, glucose. These glycoalkaloids were identified by paper and column chromatographic partitioning (Kuhn, *et al.*, *C.A.* 49, 9232*h*; K. and Löw, *C.A.* 50, 1864*b*). B. S. Levine

PASESHNICHENKO, V.A., GULEVA, A.R.

Separation and determination of essential oil components with the help of thin-layer chromatography on silica gel and also in the form of π-complexes with silver ions. Prikl. biokhim. i mikrobiol. 1 no.5:559-562 S-O '65.

Colorimetric microdetermination of acyclic terpene alcohols of essential oils. Ibid.:563-565 (MIRA 18:11)

1. Institut biokhimii imeni A.N. Bakha AN SSSR.



KOZIN, V.P., assistent; [illegible], V.V., assistent; GRINSHPAN, [illegible], inzh.; CHERNYY, A.S.; GAT L, A.A., dotsent, kand. tekhn. nauk

Experimental research on a precast reinforced concrete conveyor [illegible]. Sbor. trud. Inzh.-stroi. fak. Chel. politekh. inst. no.3:[illegible]. (MIRA 17:6)

1. Chelyabinskiy Gosudarstvennyy proyektnyy institut po obshchestroitel'nym normam i sanitarno-tekhnicheskim proyektirovaniyu promyshlennykh predpriyatiy Gosstroya SSSR (for Grinshpan). 2. Trest Orgtyazhstroy (for Chernyy).

PASETCHNIK, M. V.
V. V. GEI, IAN/Ser Fiz, 1., 73.-9(1948)

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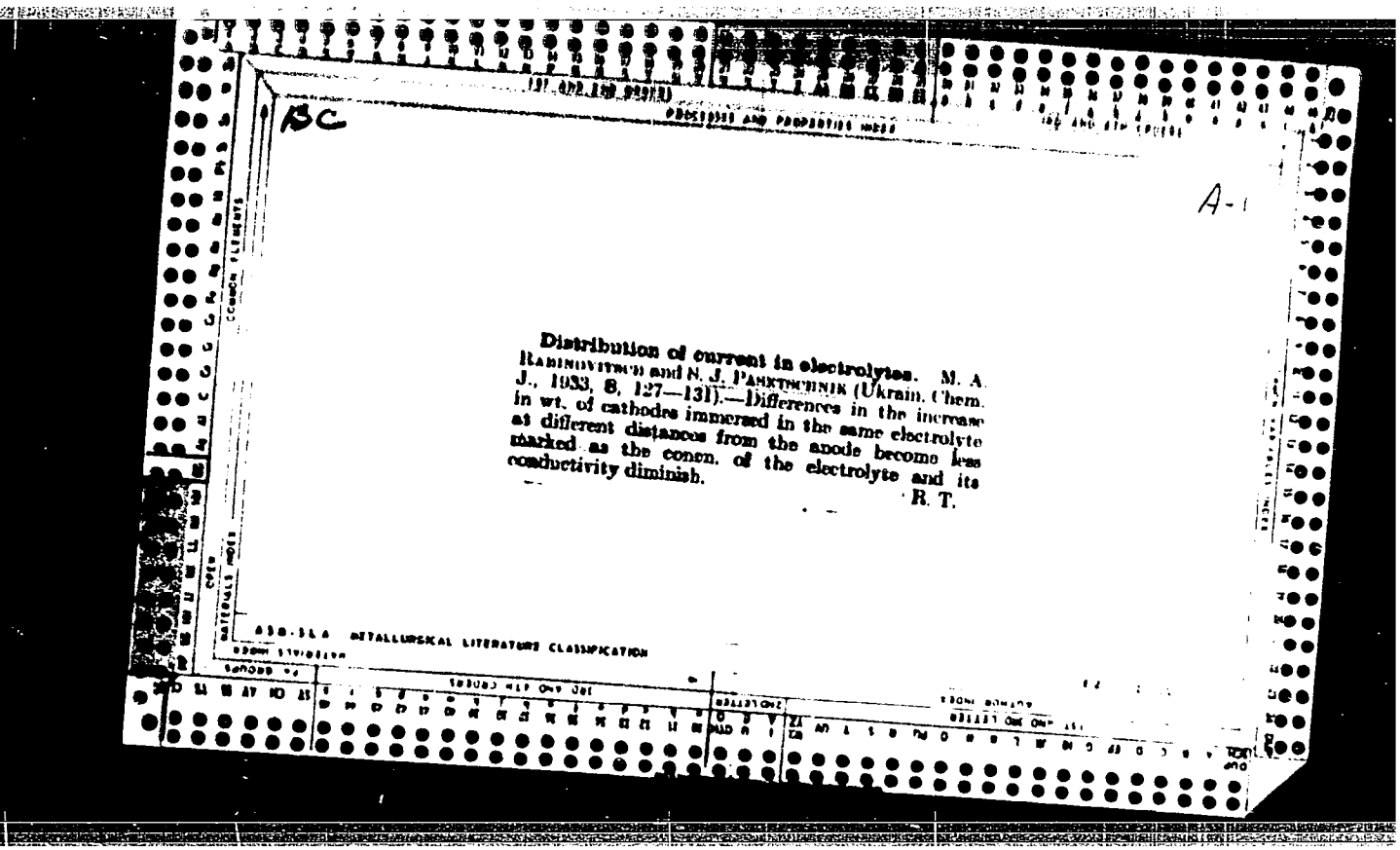
PASHTSKIY, O.

PASHTSKIY, O.

The activist group is the bulwark of the trade-union committee.
Sov.profsoiuzy 2 no.7:33-38 Jl '54. (MLRA 7:7)

1. Predsedatel' komiteta profsoyuza Bytoshevskogo stekol'nogo
savoda Bryanskoy oblasti.
(Trade unions)



B C

A-1

Distribution of current in electrolytes. M. A. RAMINIVITSCH and N. J. PANKTOCHNIK (Ukrain. Chem. J., 1933, 8, 127—131).—Differences in the increase in wt. of cathodes immersed in the same electrolyte at different distances from the anode become less marked as the concn. of the electrolyte and its conductivity diminish.

R. T.

PASETSKIY, V.

Outstanding explorer of the Northern regions.
Mor. flot 22 no.9:39-40 S '62. (MIRA 15:12)

1. Uchenyy sekretar' Arkticheskogo i Antarkticheskogo nauchno-issledovatel'skogo instituta.
(Arctic regions—Russian explorations)
(Litke, Fedor Petrovich, 1797-1882)

PASETSKIY, V.

Along the unexplored shores of North America. Mor.flot 20 no.1: 36-37 Ja '60. (MIRA 13:5)

1. Uchenyy sekretar' Arkticheskogo i Antarkticheskogo nauchno-issledovatel'skogo instituta.
(Kashevarov, Aleksandr Filippovich, 1810-1866)
(Alaska--Hydrographic surveying)

PASETSKIY, Vasiliy Mikhaylovich; DOBRONRAVOVA, S.M., redaktor; VOLKOVA, [illegible], tekhnicheskiy redaktor

Vladimir Rusanov. Moskva, Izd-vo "Morskoi transport," 1955. 162 p. (MLRA 8:8)
(Rusanov, Vladimir Aleksandrovich, 1875-1912)

PASETSKIY, V. M.

"Sadko" at high latitudes. Mor.flot 15 no.8:26-29 Ag'55.
(MIRA 8:10)

1. Uchenyy sekretar' Arkticheskogo nauchno-issledovatel'skogo instituta
(Sadko (Ship))

PASETSKIY, Vasiliy Mikhaylovich; PROKHODTSEVA, S.Ya., redaktor; ALEKSEYEVA, T.I., tekhnicheskiy redaktor

[Willem Barendsz] Villem Berents. Moskva, Gos. izd-vo geogr. lit-ry, 1956. 39 p. (MLRA 9:8)
(Barendsz, Willem, d.1597)

TRESHNIKOV, Aleksey Fedorovich; PASETSKIY, Vasiliy Mikhaylovich; PROKHODTSEVA, S.Ya., redaktor; VILENSKAYA, E.B., tekhnicheskiy redaktor

[Salomon Andrée] Solomon Andre. Moskva, Gos.izd-vo geogr. lit-ry, 1957. 45 p. (MLRA 10:8)
(Andrée, Salomon August, 1854-1897)

PASETSKIY, Vasiliy Mikhaylovich; PROKHODTSEVA, S.Ya., red.; KOSHELEVA, S.N., tekhn. red.

[Vitus Bering] Vitus Bering. Moskva, Gos. izd-vo geogr. lit-ry, 1958. 45 p. (MIRA 11:7)
(Bering, Vitus Jonassen, 1681-1741)

AUTHOR: Pasetskiy, V.M.

SOV-26-58-3-12/61

TITLE: The Pioneer of Complex Explorations of the Arctic (Zachinatel' kompleksnykh issledovaniy Arktiki) To the 100th Birthday of E.V. Toll' (K 100-letiyu so dnya rozhdeniya E.V. Tollya)

PERIODICAL: Priroda, 1958, Nr 3, pp 64-69 (USSR)

ABSTRACT: The article recalls the Arctic cruises and explorations of E.V. Toll', who was born on 26 March, 1858 in Tallin (Estonia). He was lost in the Arctic on 8 November, 1902 while exploring.
There are 2 photos and 4 Russian references.

ASSOCIATION: Arkticheskiy nauchno-issledovatel'skiy institut Glavsevmorputi-Leningrad (Arctic Scientific Research Institute of Glavsevmorput'-Leningrad)

1 Arctic regions--Exploration 2. Scientific personnel--USSR

Card 1/1

AUTHORS: Frolov, V.V., Pasetskiy, V.F. 30V-26-58-8-10/51

TITLE: A Center of Explorations of the Arctic Ocean (Tsentr issledovaniy Severnogo Ledovitogo okeana)

PERIODICAL: Priroda, 1958, Nr 8, pp 56-62 (USSR)

ABSTRACT: The Artic Scientific Research Institute in Leningrad has been investigating the White Sea and the Barents Sea since 1920. In the last 25 years more than 30 complex oceanographic expeditions have been made, nearly 50 expeditions of the ice-hydrological patrol, and 17 expeditions for the study of the estuaries of the Siberian streams. In the Central Arctic area, 10 high-latitude air expeditions were undertaken, 7 drifting stations were operating, and 4 oceanographic expeditions on ships were made. During these investigations the Lomonosov ridge, a 2 500 - 3 000 m high submarine mountain range was discovered. Over the last 3 years, the drifting stations have made more than 25,000 meteorological observations, launched 8,000 radio sondes and pilot balloons, and made nearly 40,000 measurements of the water temperature. The results of the investigations in the Arctic region have been published in more than 120 volumes, 600 scientific articles, and in the "Geography of the Arctic Seas". The water balance of the

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A Center of Explorations of the Arctic Ocean SOV-26-58-8-10/51

Arctic Ocean and the correlation between ice drift, wind and sea currents has been established. An Ice and Weather Service was formed in 1938. Observations in the Greenland Sea aid in the study of the water and heat exchange between the Atlantic and Arctic Oceans. In April 1958 a high-latitude air expedition was undertaken. It installed drifting automatic radiometeorological stations which send out radio signals on the ice drift, the temperature, barometric pressure speed and direction of the wind. During summer ice conditions over the whole area of the Arctic Ocean have been studied. Simultaneously 3 oceanographic expeditions are working on the ships "Toros", "Polyarnik" and "Lomonosov". In the next 7 years, 20 scientific expeditions are planned for each year. Methods for calculating the navigation capacity of the Northern Sea route are to be improved and prognoses for the ice conditions covering 8 - 10 months are to be developed. According to these prognoses the icebreakers and the transport fleet can be rationally employed. The Arctic Institute is investigating the water dynamics (currents levels, wave formation), and their connection with ice conditions, the atmospheric circulation above the Ocean, and the peculiarities of the thermobaric and wind field connected

Card 2/3

A Center of Explorations of the Arctic Ocean SOV-26-58-8-10/51

with them. The phenomena of geophysical and heliophysical character (variations of the earth axis, solar activity and their influence on the conditions in the Arctic Ocean are also under study.
There are 2 maps, 1 diagram, and 4 photos.

ASSOCIATION: Arkticheskiy nauchno-issledovatel'skiy institut - Leningrad (Arctic Scientific Research Institute - Leningrad)

1. Arctic regions--Exploration 2. Geophysics--Artic regions

Card 3/3

PASETSKIY, V.

First investigators of the Novosibirsk Islands. Mor.flot 19 no.3:35-36 Mr '59. (MIRA 12:4)

1. Uchenyy sekretar' Arkticheskogo i Antarkticheskogo nauchno-issledovatel'skogo instituta.
(Arctic regions)

PASETSKIY, V.

M.F. Reineke, investigator of the White Sea. Mor.flot. 19 no.4:34 Ap '59. (MIRA 12:6)

1. Uchenyy sekretar' Arkticheskogo i Antarkticheskogo instituta.
(Reineke, Mikhail Frantsevich, 1801-1859)

PASETSKIY, V.M.; BURKHANOV, V.F., otv.red.; PROKHODTSEVA, S.Ya., red.; MALKES, B.N., mladshiy red.; MAL'CHEVSKIY, G.N., red.kart

[In the southernmost land] Na samoi iuzhnoi zemle. Moskva, Gos.izd-vo geogr.lit-ry, 1959. 469 p. (MIRA 12:12)
(Antarctic regions--Discovery and exploration)

ACC NR: AM6014509 Monograph UR/

Pasetskiy, V. M., comp.

Twelve exploits (Dvenadtsat' podvigov) Leningrad, Gidrometeoizdat, 65. 0320 p. illus. 15,000 copies printed.

TOPIC TAGS: geographic survey, oceanography, arctic maintenance, sea ice, meteorologic observation

PURPOSE AND COVERAGE: This book describes the life and work of the twelve drifting North Arctic Ocean stations as told by polar explorers. Oceanographic, meteorological, aerological, actinometric, ionospheric, magnetic, biological, ice and other observations are made at the stations. The book can be useful to a wide range of readers.

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ACC NR: AM6014509

V. Vedernikov. Over the Pole--173
N. Blinov. Komsomol drifting station--190
V. Shamont'yev. A year of battle with the elements--213
YU. Konstantinov. The "Desyatka" follows the ice floe--265
N. Bryazgin. Eleven drifting stations--285
L. Belyakov. Drops of our labors--308

SUB CODE: 08,04 / SUBM DATE: 26Jul65

Card 2/2

PASETSKIY, V.M., kand. ist. nauk; TRESHNIKOV, A.F., doktor geogr. nauk, otv. red.; BOYKOVA, A.G., red.; ZEL'MANOVA, L.A., red.; NASAKOVA, G.Ya., red.

[Twelve exploits] Dvenadtsat' podvigov. Leningrad, Gidrometeor. izd-vo, 1965. 320 p. (MIRA 18:10)

PASETSKIY, Vasiliy Mikhaylovich; POSPELOVA, I.M., red.

[What Polar poppies whispered about] O chem sheptalis' poliarnye maki. Moskva, Sovetskaia Rossiia, 1965. 189 p. (MIRA 18:8)

[illegible]ET.KIY, Vasiliy Nikolayevich. [illegible]

[Finds, that above riddles Nekr[illegible], extreme simplic[illegible]
tainy. Moskva, Izd-vo "Transport", [illegible]. 35 p.
(MIRA 17:7

PASETSKIY, V.M.

A great navigator; on the 450th anniversary of the death of Christopher Columbus. Nauka i zhizn' 23 no.5:57-58 '56. (MLRA 9:8)

1. Uchenyy sekretar' Arkticheskogo instituta.
(Colombo, Cristoforo)

PAKHTUSOV, Petr Kuz'mich; MOISEYEV, Stepan Andreyevich; PASETSKIY, V.M., otvetstvennyy redaktor; PROKHODTSEVA, S.Ya., redaktor; GLEYKH, D.A., tekhnicheskiy redaktor

[Diaries of P.K.Pakhtusov and S.A.Moiseev] Dnevnye zapiski P.K. Pakhtusova i S.A.Moiseeva. Moskva, Gos. izd-vo goegr. lit-ry, 1956. 213 p. (MLRA 9:10)

(Pakhtusov, Petr Kuz'mich, 1799-1835)
(Moiseev, S. A.)

PASETSKIY, V.M.; BURKHANOV, V.F., kand. geogr. nauk, otv. red.; PROKHODTSEVA, S.Ya., red.; MALKES, B.N., mladshiy red.; MAL'CHEVSKIY, G.N., red.kart; VILENSKAYA, E.N., tekhn. red.

[On an ice island]Na ledianor ostrove. Moskva, Gos.izd-vo geogr.lit-ry, 1962. 236 p. (MIRA 15:10)
(Arctic regions--Drifting ice stations)

PASETSKIY, Vasiliy Mikhaylovich; PROKHODTSEVA, S.Ya., red.; KISELEVA, Z.A., red. kart; VILENSKAYA, E.N., tekhn. red.

["Hercules" disappears into the ice; on the life and travels of V.A.Rusanov]Gerkules ischezaet vo l'dakh; zhizn' i puteshestviia V.A.Rusanova. Moskva, Geografgiz, 1961. 205 p. (MIRA 15:8)

(Rusanov, Vladimir Aleksandrovich, 1875-1912)
(Arctic regions)

PASETSKIY, V.M.

The great scientist and humanitarian. Priroda 50 no.12:89-93 D '61. (MIRA 14:12)

1. Arkticheskiy i antarkticheskiy institut, Leningrad.
(Nansen, Fridtjof, 1861-1930)

PASETSKIY, V.M.

Rusanov's expedition to Novaya Zemlya. Priro a 49 no.11:83-88 N '60. (MIRA 13:11)

1. Arkticheskiy i Antarkticheskiy institut, Leningrad.
(Novaya Zemlya--Discovery and exploration)
(Rusanov, Vladimir Aleksandrovich, 1875-1912)

PASETSKIY, Vasiliy Mikhaylovich; PROKHODTSEVA, S.Ya., red.; VILENSKAYA, E.N., tekhn.red.

[A search for unknown lands] Poiski nevedomykh zemel'. Moskva, Gos.izd-vo geogr.lit-ry, 1960. 54 p. (MIRA 14:4)

(Geographical myths)
(New Siberian islands--Discovery and exploration)

PASEV, L.

Planning efficiently the rotation of crops. p. 15. (Kooperativno Zemedelie, Sofiia.)

SO: Monthly List of East European Accession (EEAL) LC, Vol. 6, no. 7, July 1957. Uncl.

PASEVICS, P.

Communists, organizers of preparatory work in spring sowing. p. 59.
PADOMJU LATVIJAS KOMUNISTS, Riga. Vol. 11, no. 3, Mar. 1956.

SOURCE: East European Acession List (EEAL) Library of Congress
Vol. 5, no. 8, August 1956.

GUMBARIDZE, Z.P.; PASEYSHVILI, M.G.

Apparatus for checking linear dimensions of glass containers. Kons. i ov. prom. 14 no.5:42-44 My '59. (MIRA 12:6)

1.Spetsial'noye konstruktorskoye byuro "Proyektpribor" sovnarkhoza GruzSSR.
(Canning industry--Equipment and supplies)
(Glass containers)

BASINSKI, Antoni; PASGRETA, Maria

On the solubility of manganese ferrocyanide in water and in water solutions. Rocz chemii 34 no.1:41-45 '60. (EEAI 10:9)

1. Department of Physical Chemistry, Copernicus University, Torun.

(Manganese ferrocyanide) (Water) (Solutions)

PASHA, A. G.

84-58-1-32/32

AUTHOR: None given

TITLE: New Books (Novyye knigi)

PERIODICAL: Grazhdanskaya aviatsiya, 1958, Nr 1, p 40 (USSR)

ABSTRACT: Five short reviews of the following books:
Gil'yardi, N., Nad morem studenym (Over Icy Seas). A story about pilot Safonov. Voyenizdat, 1957, 304 pp.
Gorin, B. Sh., Indikatory dal'nosti (Range Indicators) (from the series "Radar Engineering"). Voyenizdat, 1957, 87 pp.
Molokanov, G. F., Uchet vetra v dal'nikh poletakh (Wind Computation in long-Distance Flights). Voyenizdat, 1957, 174 pp.
Pavskiy, A. G., Radiodeviatsiya (Radio Deviation). A manual for navigators. Voyenizdat, 1957, 74 pp.
Pasha, P. S.; Petin, N. F.; Shcheglov, I. V., Ispol'zovaniye aerosnimkov (Utilization of Aerial Photographs). A textbook. Voyenizdat, 1957, 294 pp.

AVAILABLE: Library of Congress

1. Literature - USSR 2. Aeronautics bibliography - USSR

Card 1/1

PASHA, P. S. KORNILYUK, F. G., and PETROV, A. V.

Voyennaya topografiya. Moscow, 1952. 399 p. A textbook on military topography, with information on Russian topography; published by Ministry of War, USSR.

PASHA, P.

[illegible] y 7. [illegible], [illegible], [illegible].

SO: [illegible], [illegible], 1953

PASHA P S

84-58-1-32/32

AUTHOR: None given

TITLE: New Books (Novyye knigi)

PERIODICAL: Grazhdanskaya aviatsiya, 1958, Nr 1, p 40 (USSR)

ABSTRACT: Five short reviews of the following books:
Gil'yardi, N., Nad morem studenym (Over Icy Seas). A story about pilot Safonov. Voyenizdat, 1957, 304 pp.
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Molokanov, G. F., Uchet vetra v dal'nikh poletakh (Wind Computation in long-Distance Flights). Voyenizdat, 1957, 174 pp.
Pavskiy, A. G., Radiodeviatsiya (Radio Deviation). A manual for navigators. Voyenizdat, 1957, 74 pp.
Pasha, P. S.; Petin, N. F.; Shcheglov, I. V., Ispol'zovaniye aerosnimkov (Utilization of Aerial Photographs). A textbook. Voyenizdat, 1957, 254 pp.

AVAILABLE: Library of Congress

1. Literature - USSR 2. Aeronautics bibliography - USSR

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PASHA, P.S., polkovnik; PETIN, N.F., podpolkovnik; SHCHEGLOV, I.V., polkovnik; KUDRYAVTSEV, M.K., general-leytenant tekhnicheskikh voysk, red.; DUKACHEV, M.P., podpolkovnik, red.; SOLOMONIK, R.L., tekhn.red.

[Use of aerial photographs for military purposes, a textbook] Ispol'zovanie aerosnimkov v voiskakh; uchebnoe posobie. Moskva, Voen.izd-vo M-va obor.SSSR, 1957. 253 p. (MIRA 10:12)
(Photography, Aerial) (Photographic interpretation (Military science))

L 30969-66 EWA(h)/EWT(1)/T IJP(c) GG/AT

ACC NR: AP6000846 SOURCE CODE: UR/0181/65/007/012/3502/3511

AUTHORS: Lang, I. G.; Ismailova, U. S.

ORG: Institute of Semiconductors AN SSSR, Leningrad (Institut poluprovodnikov AN SSSR); Institute of Physics AN AzSSR, Baku (Institut fiziki AN AzSSR)

TITLE: Spatial dispersion of long wave optical lattice oscillations in polar semiconductors

SOURCE: Fizika tverdogo tela, v. 7, no. 12, 1965, 3502-3511

TOPIC TAGS: plasma decay, plasma interaction, semiconductor plasma, optic property, crystal lattice vibration

ABSTRACT: The authors calculate the laws of dispersion and attenuation of interacting plasma and strong wave longitudinal optical oscillations in a polar semiconductor. The problem is solved for the cases when the hole gas is nondegenerate and the Boltzmann statistics are applicable. The zeroth approximation equation is derived and the corrections necessitated by account of the electron-phonon interaction are estimated. According to the derived dispersion laws, the frequency of the longitudinal oscillations should be approximately equal to the frequency of the transverse oscillations, since the longitudinal electric field pro-

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duced during the longitudinal oscillations and causing normally the frequency difference between the longitudinal and transverse oscillations is in this case screened by the free electrons or holes. Possible means of experimentally checking the results are discussed. Author thanks V. L. Gurevich and Yu. A. Firsov for suggesting the topic and useful discussions. Orig. art. has: 2 figures and 62 formulas.

SUB CODE: 20/ SUBM DATE: 17May65/ ORIG REF: 005/ OTH REF: 005

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