PESINA, A.

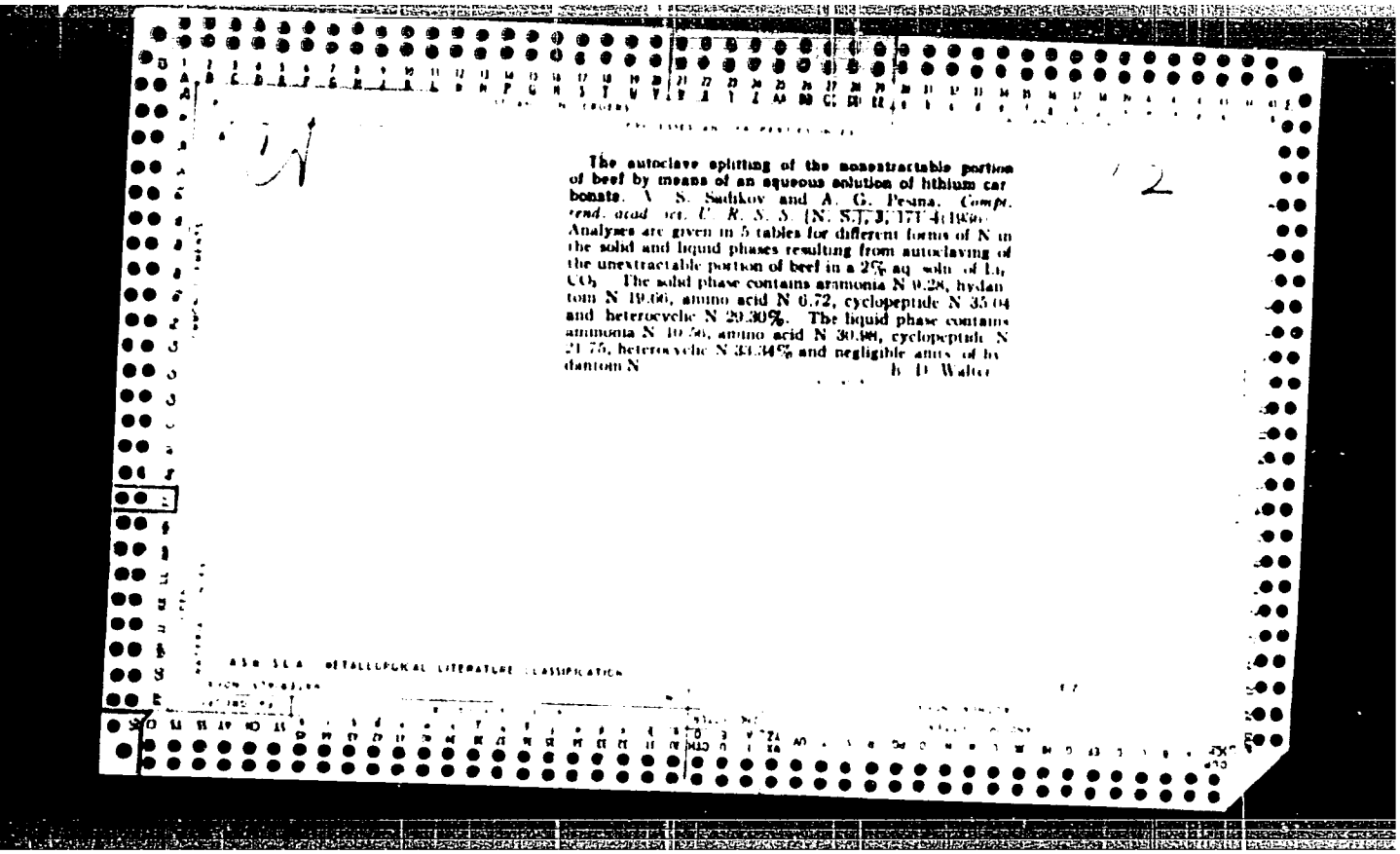
SIDERMAN, E., inzh.; PESINA, A., inzh.

Converting compartment dryers into tunnel dryers. Stroi. mat. 3 no.12:12-14 D '57. (MIRA 11:2)
(Drying apparatus)

PESINA, Antonin, inz.

Study of a bridge designed for assembling by the cantilever method.
Inz stavby 11 no.2:58-60 F '63.

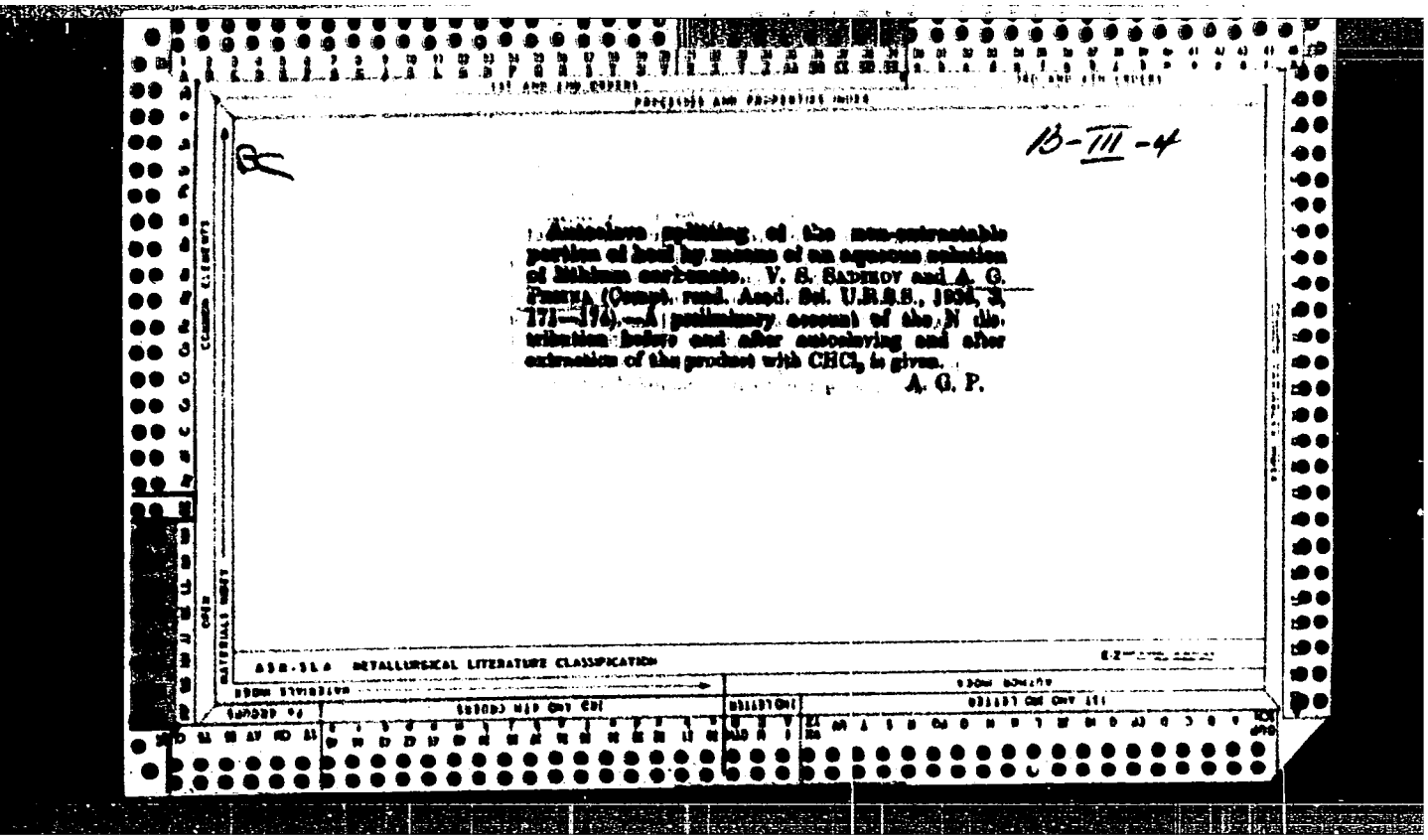
1. Dopravoprojekt, Brno.



The autoclave splitting of the nonextractable portion of beef by means of an aqueous solution of lithium carbonate. V. S. Sadikov and A. G. Pesina. *Compt. rend. acad. sci. U. R. S. S.* (N. S.), 3, 177-4(1936). Analyses are given in 5 tables for different forms of N in the solid and liquid phases resulting from autoclaving of the unextractable portion of beef in a 2% aq. soln. of Li_2CO_3. The solid phase contains ammonia N 0.28, hydantoin N 19.66, amino acid N 0.72, cyclopeptide N 35.04 and heterocyclic N 29.30%. The liquid phase contains ammonia N 10.56, amino acid N 30.98, cyclopeptide N 21.75, heterocyclic N 33.34% and negligible amts. of hydantoin N.

h. D. Walter

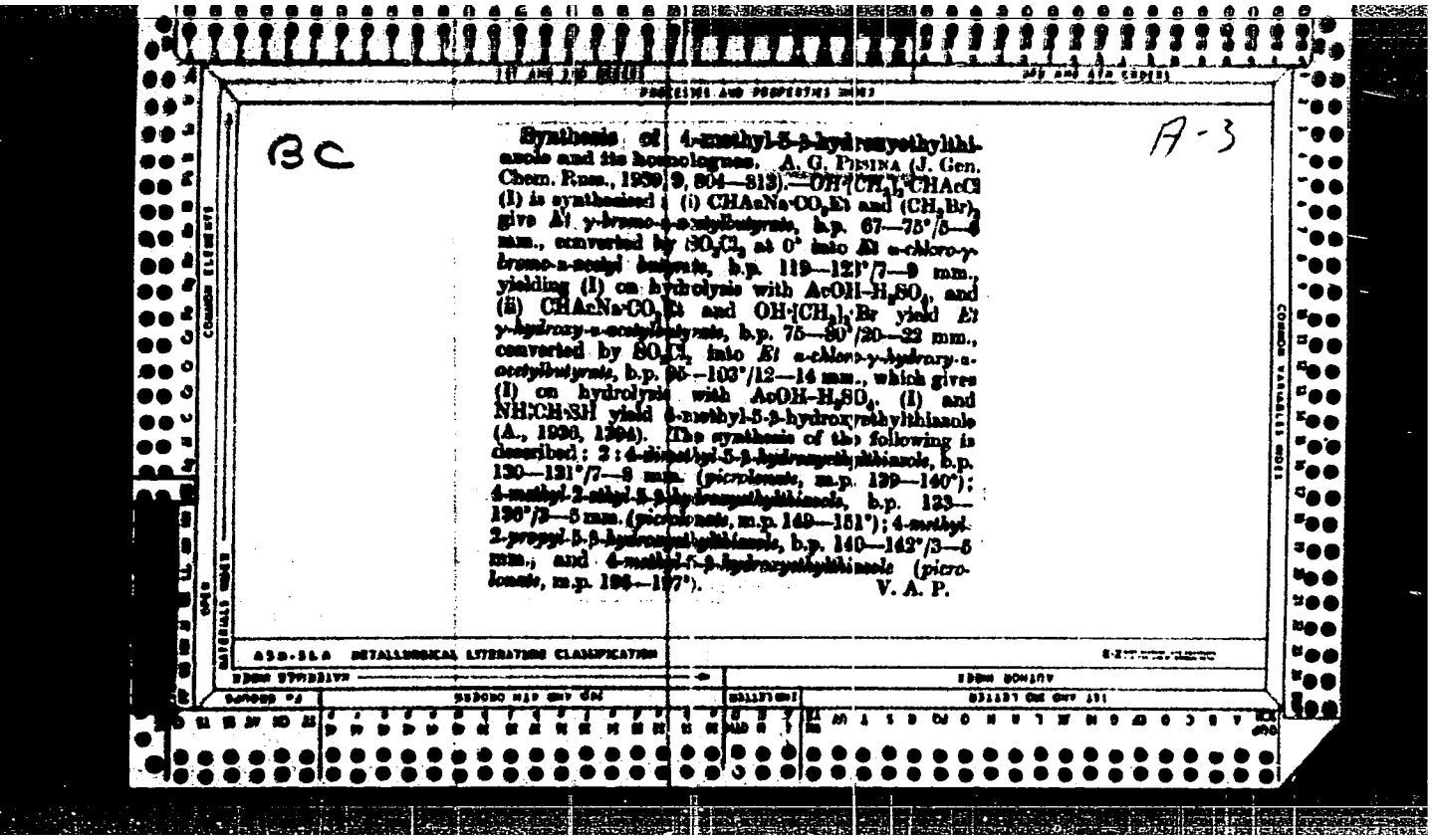
ASB SLA METALLURGICAL LITERATURE CLASSIFICATION



B-III-4

Anisotropy, splitting, of the non-orientable portion of lead by means of an aqueous solution of lithium carbonate. V. S. SADTSOV and A. G. PANFILA (Compt. rend. Acad. Sci. U.R.S.S., 1934, 3, 171—174).—A preliminary account of the N distribution before and after embedding and after extraction of the product with $CHCl_3$ is given.

A. G. P.



BC

A-3

Synthesis of 4-methyl-5-β-hydroxyethylthiazole and its homologues. A. G. PESINA (J. Gen. Chem. Russ., 1939, 9, 804—813).—$OH{\cdot}CH_2{\cdot}CH_2{\cdot}CHAcCl$ (I) is synthesised : (i) $CHAcNa{\cdot}CO_2Et$ and $(CH_2Br)_2$ give *Et γ-bromo-α-acetylbutyrate*, b.p. 67—75°/5—4 mm., converted by SO_2Cl_2 at 0° into *Et α-chloro-γ-bromo-α-acetyl butyrate*, b.p. 119—121°/7—9 mm., yielding (I) on hydrolysis with $AcOH{-}H_2SO_4$, and (ii) $CHAcNa{\cdot}CO_2Et$ and $OH{\cdot}[CH_2]_2{\cdot}Br$ yield *Et γ-hydroxy-α-acetylbutyrate*, b.p. 75—80°/20—22 mm., converted by SO_2Cl_2 into *Et α-chloro-γ-hydroxy-α-acetylbutyrate*, b.p. 95—103°/12—14 mm., which gives (I) on hydrolysis with $AcOH{-}H_2SO_4$. (I) and $NH{:}CH{\cdot}SH$ yield 4-methyl-5-β-hydroxyethylthiazole (A., 1939, 1394). The synthesis of the following is described : 2 : 4-dimethyl-5-β-hydroxyethylthiazole, b.p. 130—131°/7—8 mm. (*picrolonate*, m.p. 139—140°); 4-methyl-2-ethyl-5-β-hydroxyethylthiazole, b.p. 123—130°/3—5 mm. (*picrolonate*, m.p. 149—151°); 4-methyl-2-*propyl*-5-β-hydroxyethylthiazole, b.p. 140—142°/3—5 mm., and 4-methyl-2-β-hydroxyethylthiazole (*picrolonate*, m.p. 196—197°).

V. A. P.

PESINA, A. G.

"Synthese du 4-methyl-5-oxyethylthiazol et de ses homologues." Pesina, A. G. (p. 804)

SO: Journal of General Chemistry
(Zhurnal Obshchei Khimii) 1939, Volume 9, #9

CH

10

Manganese tetraacetate as an oxidizer of organic compounds. I. The reaction of oxidation of α-glycols S. A. Zonis and A. G. Pesina (Leningrad State Hyg. Inst.) *Zhur. Obshchei Khim.* (*J. Gen. Chem.*) **20**, 1180–6 (1950).—The rate of oxidation of α-glycols by $Mn(OAc)_4$ depends on the temp., solvent, and the structure of the substrate. In inert solvents the reaction is slower than in AcOH. The reaction mechanism postulated proceeds via the formation of Mn acetate alcoholates which cleave, yielding bi-radicals of the substrate, the radicals then cleaving into 2 moles of the ketone. The glycols studied included: *tetraphenylethylene glycol*, m. 173.4°, *sym. dimethyldiphenylethylene glycol*, m. 110.18°, *trimethylphenylethylene glycol*, m. 84.6°, *tetramethylethylene glycol*, m. 34.5°, *sym. diphenylethylene glycol*, m. 133.6°, *cis-1,2-cyclohexanediol*, m. 95.5–7.0°, and the *trans-isomer*, m. 102.4°. These (0.0001 mole) and the calcd. amt. of $Mn(OAc)_3$ were warmed in a CO_2 atm. in 30 ml. solvent and aliquots were taken at 0.5–1.0 hr. intervals, the exptl. temp. ranged from 20 to 100°. The results are given in tabular form. Replacement of Me by Ph radicals greatly accelerated the oxidation. No significant difference was found between oxidation rates of the *cis*- and *trans*-1,2-cyclohexanediols, either in AcOH or in $(CHCl_2)_2$, PhCl and pyridine were the other solvents used in the study. The products obtained were: Ph_2CO from benzopinacol, Me_2CO from pinacol, AcPh from $(CMe_2PhOH)_2$, AcPh and Me_2CO from $HOCMe_2CMePhOH$, BzH from hydrobenzoin, and adipaldehyde from cyclohexanediol. G. M. K.

B.A

A II - 1

Manganese tetra-acetate as oxidising agent for organic compounds. I. Oxidation of α-glycols. S. A. Zonis and A. C. Pinina (*J. gen. Chem. USSR*, 1950, **20**, 1180—1190 (U.S. transl., 1229—1230)). The rate of oxidation of α-glycols by $Mn(OAc)_3$ depends on the temp., the solvent, and the structure of the compound to be oxidised. Of the four *tert.* glycols investigated, pinacone is oxidised with the greatest difficulty. The substitution of Me in a glycol by Ph radicals increases the tendency towards oxidation (with benzopinacone a possible exception). In indifferent solvents oxidation occurs more slowly than in AcOH. There is no great difference in the rate of oxidation of *cis*- and *trans*-cyclohexanediol in AcOH or in $C_6H_4Cl_2$.

$Mn(OAc)_3$ is obtained by electrolytic oxidation of $Mn(OAc)_2$ in AcOH. All experiments are performed in a 3-necked flask provided with a mechanical stirrer in a current of CO_2. The substrate (0·0001 mol.) and the calc. amount of $Mn(OAc)_3$ in the chosen solvent (30 ml.) are heated to the required temp. and aliquots are taken, after every 15 or 30 min., in one series, and after every 1—3 hr. in the others, for determination of active O. At the conclusion of the experiments the reaction mixture is poured into H_2O and made slightly alkaline to litmus by 10% NaOH, after which the products are extracted with Et_2O. Under these conditions benzopinacone gives $COPh_2$ (oxime, m.p. 134—136°), pinacone affords $COMe_2$ (determined with Na nitroprusside), $(CPhMe{\cdot}OH)_2$ furnishes COPhMe (oxime, m.p. 58—59°), phenyltrimethylethylene glycol affords $COMe_2$ (detected by Na nitroprusside) and COPhMe (oxime, m.p. 58—59°), and hydrobenzoin is oxidised to PhCHO (detected qualitatively with Nessler's reagent). H. Warn.

RAVICH-SHCHERBO, M.I.; PESINA, A.G.; BATALIN, V.I.

Production of cardiolipin, and its serologic and antigenic properties. Zhur.mikrobiol.epid.i immun. no.5:86-90 My-55. (MLRA 8:7)

1. Iz kafedry biologicheskoy i organicheskoy khimii Kurskogo meditsinskogo instituta (zav. kafedroy -prof. M.I.Ravich-Shcherbo)
(CARDIOLIPIN,
prod. & serol. & antigenic properties)

PESINA, Bohumil

Apparatus for direction analysis of geophysical isolines. Geofys sbornik 9:403-419 '61.

1. Institut fur angewandte Geophysik, Brno, Arbeitsstatte Praha.

Pesina, E.

Pesina, E. Novelties of Soviet literature in the fields of the science of elasticity, strength and plasticity. p. 597.

Vol. 6, no. 4, 1956
SOVETSKA VEDA: STROJIRENSTVI
TECHNOLOGY
Czechoslovakia

So. East European Accessions, Vol. 6, May 1957
No. 5

PESINA, Eugen, prof., inz., CSc.

"Calculation of the strength duration of machinery parts" by [ing.] Laszlo Sors. Reviewed by Eugen Pesina. Stroj vyr 11 no.9:477 S '63.

L 32662-65 EWT(m)/EWP(t)/EWP(b) IJP(c) JD/JG
ACCESSION NR: AP5005571 S/0080/65/038/002/0411/0414

18
17
8

AUTHOR: Markovskiy, L. Ya.; Pesina, E. Ya.; Smirnova, R. I.

TITLE: The use of carbon disulfide as a sulfiding agent in the synthesis of rare earth sulfides 27

SOURCE: Zhurnal prikladnoy khimii, v. 38, no. 2, 1965, 411-414

TOPIC TAGS: sulfiding, carbon disulfide, rare earth sulfide, cerium sulfide, lanthanum sulfide

ABSTRACT: Cerium dioxide (CeO_2) and lanthanium sesquioxide (La_2O_3) were sulfided under laboratory conditions with carbon disulfide to optimize the process efficiency and product quality as compared with the conventional sulfidation with hydrogen sulfide. The process was shown to be thermodynamically more favorable than H_2S sulfidation and the oxides were treated in a simple flow reactor in a carbon disulfide-saturated stream of nitrogen at 800-1100C. Stoichiometric compositions of the sesquisulfide (Ce_2S_3) were reached with CS_2 in 120 min. at 900-1000C, while the reaction with H_2S gave a composition of approximately 95% Ce_2S_3 after 240 min. at 1000-1100C. The theoretical composition of La_2S_3 was obtained with CS_2 after

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ACCESSION NR: AP5005571

90 min. at 1000C. Samarium and praseodymium oxides were also sulfidized with good results with CS_2. Orig. art. has: 4 tables and 1 figure.

ASSOCIATION: Gosudarstvennyy institut prikladnoy khimii (State applied chemistry institute)

SUBMITTED: 25Jan63 ENCL: 00 SUB CODE: IC

NO REF SOV: 009 OTHER: 010

Card 2/2

MASYUTA, G.F.; PESINA, Kh.G.

Pharmacology of alapnen, a condensation product of phenamine and β-alanine. Farm. i toks. 28 no.5:517-520 S-O '65. (MIRA 18:12)

1. Kafedra farmakologii i farmatsii (zav. - prof. S.Ya.Arbuzov) Voyenno meditsinskoy ordena Lenina akademii imeni S.M.Kirova, Leningrad. Submitted July 21, 1964.

PESINA, N. M.; Prinimali uchastiye: RATSUL, P.F.; NAZAROV, K.S.; PONOMAREVA, T.V.

Developing a procedure for the manufacture of ladle brick from treated Chekmakul' kaolin and Buskul' clay. Trudy Vost. inst. ogneup. no.2:189-196 '60. (MIRA 16:1)

(Firebrick)
(Chekmakul' region--Kaolin)
(Buskul' region--Fireclay)

PESINA, Z. P.

6144. Results of the use of monoethyl ester of ethylene glycol (cellosolve) in the treatment of 216 cases of various types of dermatosis.—M. P. Batumin, I. I. Matusis, T. A. Glavinskaia, Z. A. Pesina, V. F. Bolshakova, R. F. Fedorovskaia, B. N. Rapoport, and S. I. Russonik. *Nauch. Zap. Gork. Inst. Derm.*, 1955, 10, 11–24; *Referat. Zh. Biol. Khim.*, 1956, Abstr. No. 69417.—The results of the treatment of 216 cases are described. The patients suffered from mycosis of the scalp (5) and the smooth skin (31), non-parasitic sycosis (101), folliculites (6), oil follicalites (9), chrome burns (10), microbic eczema (24), and tubercular lupus (31). The monoethyl ester of ethylene glycol (I; synonymous with ethylglycol, ethyl cellosolve, solvalum, cellosolve) is a solvent capable of permeating the skin and its appendages. I was used as an ointment bases for iodine (for sycosis), albucid and gramicidin (for sycosis), vitamin D_2 (for tubercular lupus), and also in an ointment containing (in g.): I 60, cod liver oil 20, wax 20 (for other diseases). The treatment was effective. (Resúmen) E. L. Parks

PESINA, Z.A.; CHAS[illegible] V.A., A.V.

Sensitivity of gonococci to antibiotics in various forms of gonorrhea in women. Antibiotiki 17 no.9:85[illegible] 1972.
(MIRA 18:9)

1. Gor'kovskiy nauchno-issledovatel'skiy kozhno-venerologicheskiy institut.

KAGAN, G.Ya., kand.med.nauk; PESINA, Z.A., kand.med.nauk

Isolation and study of certain morphological features of the L-form of gonococcus. Vest.derm.i ven. 33 no.4:54-60 Jl-Ag '59.
(MIRA 12:11)

1. Iz otdela izmenchivosti bakteriy (zav. - prof. V.D. Timakov) Instituta eksperimental'noy meditsiny imeni N.F. Gamalei AMN SSSR (dir. - prof. S.N. Muromtsev) i Gor'kovskogo kozhno-venerologicheskogo nauchno-issledovatel'skogo instituta (dir. - prof. M.P. Batunin).
(NEISSERIA GONORRHOEAE)

PESINA, Z. A.

BATUNIN, M.P.; MATUSIS, I.I.; GLAVINSKAYA, T.A.; PESINA, Z.A.; BOL'SHAKOVA, V.F. FEDOROVSKAYA, E.F.; RAPOPORT, B.N.; RUSSOVIK, S.I.

Use of ethyleneglycol monoethyl ether in dermatology. Vest. ven. i derm. no.3:11-15 My-Je '54. (MLRA 7:8)

1. Iz Gor'kovskogo kozhno-venerologicheskogo instituta (dir. prof. M.P.Batunin)

(SKIN, diseases,
*ther., 2-othoxyethanol)
(ALCOHOL, ETHYL, derivatives,
*2-ethoxyethanol, ther. of skin dis.)

[illegible], Z.A.

Pesina, Z.A. "Opsonin-phagocytic characteristics during sulfanilamide-resistant gonorrhea," Nauch. zapiski Gos. in-ta dermatologii i venerologii [illegible] kozhno-venerich. Dolgovskoy OMI im. Kirova, Issue 12, 1946, [illegible]

SO: U-3064, 1 April 1953, (Letopis 'Zhurnal 'nykh Statey, No. 5, 1949)

[illegible], [illegible]; [illegible], [illegible]; [illegible], [illegible]; [illegible], [illegible]; [illegible], [illegible]; [illegible], [illegible]; [illegible], Z.V.; MIKHAYLOVA, V.A.

[illegible] general regularities in the formation of L-forms in vari[illegible] pathogenic bacteria species. Zhur. mikrobiol., epid. i immun. [illegible] no.11:7-13 N '63.

1. Iz [illegible] epidemiologii i mikrobiologii imeni Gamaleya [illegible].

GUSEV, S.I.; PESIS, A.S.; SOKOLOVA, Ye.V.

Spectrophotometric determination of thallium with di-2-pyryl-para-dimethylaminophenylcarbinol. Zhur. anal. khim. 20 no.1: 67-71 '65. (MIRA 18:3)

1. Permskiy gosudarstvennyy meditsinskiy institut.

USSR/Chemistry - Synthetic Drugs Jun 52

"n-Arylamides of Hydroxycarboxylic Acids and Their Conversion Into Hete ocyclic Compounds. XVI. Synthesis of Arylamides of β, β-Diphenyl-β-Hydroxypropionic Acid," P. A. Petyunin, A. S. Pesis, Lab of Org Chem Molotov Phar Inst

"Zhur Obshch Khim" Vol XXII, No 6, pp 979-981

On the example of the reaction between aryl halide magnesyl amines (RNHMgX) and the ethyl ester of δ, δ-diphenyl-β-hydroxypropionic acid, a method for prepg arylamides of β-hydroxycarboxylic acids

218T21

USSR/Chemistry - Synthetic Drugs (Contd) Jun 52

was developed. A series of arylamides of β, δ-diphenyl-β-hydroxypropionic acid not previously described was obtained, and the properties of these compds were studied.

218T21

PESIS, A. S.

PETYUNIN, P. A., PESIS, A. S.

Propionic Acid

N-Arylamides of hydroxycarboxylic acids and their transformation into heterocyclic compounds. Part 17. Intramolecular condensation of arylamides of B.B.-diphenyl-B-hydroxycarboxylic acid. Zhur. ob. khim. 22 no. 7, 1952.

Monthly List of Russian Accessions, Library of Congress, November 1952. Unclassified.

PESIS, A. S.

USSR/Organic Chemistry - Synthetic Organic Chemistry, E-2

Abst Journal: Referat Zhur - Khimiya, No 19, 1956, 61538

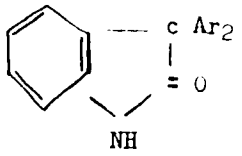
Author: Petyunin, P. A., Pesis, A. S.

Institution: None

Title: o-toluidides of Diarylglycolic Acids and Their Conversion to 3,3-Diaryl-7-methyloxindol. XXIV.

Original Periodical: Zh. obshch. khimii, 1956, 26, No 1, 223-226

Abstract: By interaction of ArMgX with methyl ester of o-methyloxanilic acid (I) (for example 0.3 mol C_6H_5Br (II) and 0.075 mol (I) have been synthesized o-toluidides of diarylglycolic acids $o\text{-}CH_3C_6H_4NHCOC(OH)Ar_2$ (III) which by action of concentrated H_2SO_4 are converted to 3,3-diaryl derivatives of 7-methyloxindole (IV). Prepared were the following III (listing Ar, yield %, MP ° C): C_6H_5 (IIIa), 45.3, 147-148 (this and subsequent from alcohol); $o\text{-}CH_3C_6H_4$, 62.8, 148.5-150.5; $p\text{-}CH_3C_6H_4$, 49.3, 152.5-153.5;



IV

Card 1/3

Pesis A-S-

JOURNAL OF ANALYTICAL CHEMISTRY
Vol XII, № 4, 1957

5-

PHOTOMETRIC DETERMINATION OF COBALT WITH PYRAZOLONE DERIVATIVES

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17-4E4J

E. V. Sokolova, A. S. Pesis and N. I. Panova

Molotov Medical Institute

1. Complex compounds of cobalt with SCN⁻ and diantipyrilmethane derivatives (methyl-, propyl-, phenyl-, n-tolyl, o- and p-oxyphenyl, dimethyl-p-aminophenyl) have been obtained.

2. Diantipyril-n-tolylmethane has been used in analysis for the first time.

3. A photometric method for the determination of cobalt with diantipyrilmethane and its derivatives in some alloys has been suggested.

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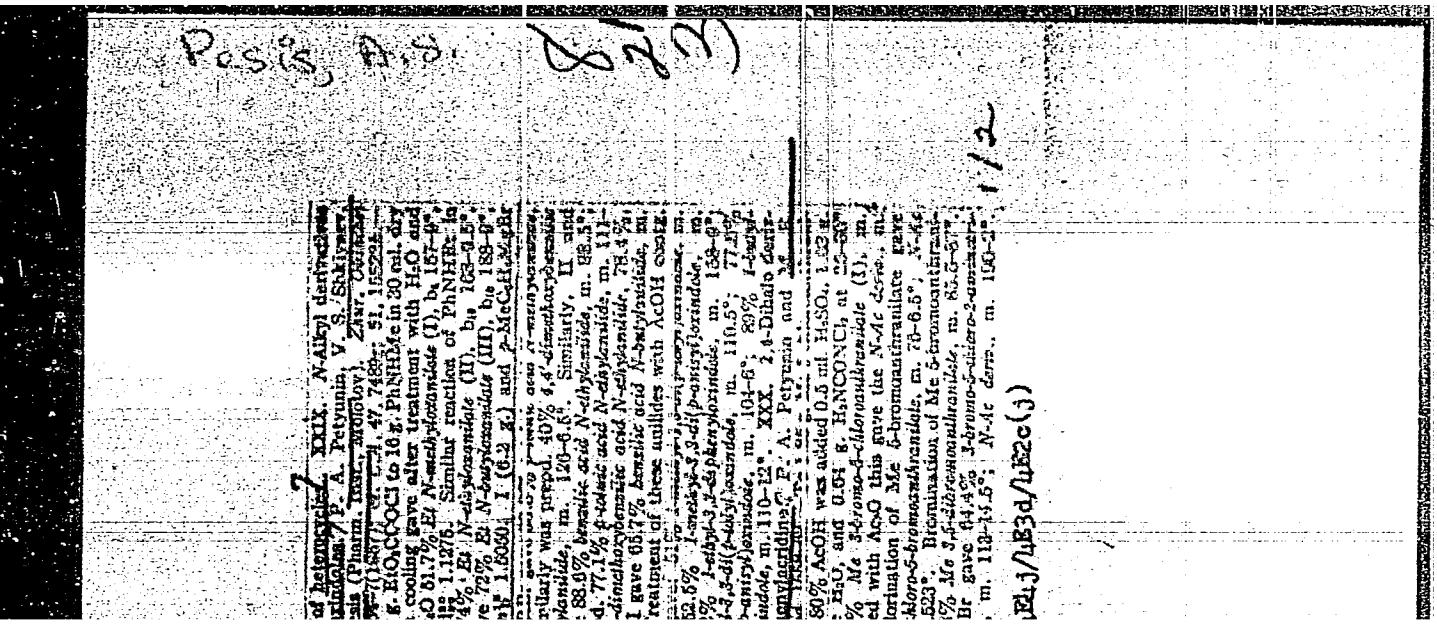

Petyunin, P.A., Shklyaev, N.S. and ...

Similarly were prepd.: 30.2% *2-chloro-6-bromo-2-amino-triphenylcarbinol*, m. 118-19° (*S-Ac deriv.*, m. 192-3°); 9,5-dichloro-2-aminotriphenylcarbinol, 61.4% m. 112.5-13.5° (*N-Ac deriv.*, m. 179-80°); 64.96% *3,5-dibromo-2-aminotriphenylcarbinol*, m. 112-13° (*N-Ac deriv.*, m. 206-7°). Heating 3-bromo-5-chloro-2-aminotriphenylcarbinol in $PhNO_2$ 0.5 hr. gave 79% *2-chloro-4-bromo-9-phenylacridine*, m. 218-9°, also prepd. in 61.9% yield by refluxing the carbinyl acetyl deriv. in $PhNO_2$ 4 hrs. Similarly were prepd.: 64-66% *2-bromo-4-chloro-9-phenylacridine*, m. 214-15°; 53.6-61.1% *2,4-dichloro-9-phenylacridine*, m. 213-13.5°; *2,4-dibromo-9-phenylacridine*, 63-6.9%, m. 232-3°.

G. M. Kosolapoff

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[illegible]

AUTHORS: [illegible]ov, V. I., [illegible] vt, [illegible]

TITLE: Co[illegible] of [illegible] [illegible]th-aldehyde (K[illegible] [illegible]-[illegible]nykh metallov [illegible] [illegible]toyny[illegible] al'degidom)

PERIODICAL: [illegible] 11, [illegible], p. 1181 - 11[illegible]

ABSTRACT: Interior complexes of [illegible] metals [illegible]

Cu^{2+}, [illegible], Fe^{2+}, Ca^{+}, Sr[illegible], [illegible], [illegible], [illegible] with β-oxy-[illegible]-[illegible]thaldehyde were pr[illegible] [illegible] alkaline [illegible]. T[illegible] the f[illegible] [illegible]mula:

$$(C_{11}H_7O_2)_2Me$$

or $(C_{11}H_7O_2)$ Me . xH_2O, where Me [illegible] [illegible]tioned bivalent metals. T[illegible] rea[illegible] [illegible] well as in [illegible]eat.

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Co[illegible]lex Co[illegible] of Bivalent Met[illegible] W[illegible] [illegible]-Oxy-[illegible]-N[illegible]thal

New co[illegible]lex [illegible] of strontium, [illegible] [illegible]se, [illegible]lt, [illegible] and [illegible] oxy-[illegible]thaldehyde. [illegible] are sol[illegible] [illegible] under [illegible], however, [illegible] Under action of 2n NaOH [illegible], however, [illegible] soluble. [illegible] fro[illegible] crystalline f[illegible]r[illegible] [illegible]. There are 1 fi[illegible]re, 1 table, [illegible] which [illegible] Soviet.

SUBMITTED: April [illegible], [illegible]

AVAILABLE: L[illegible]

Card 2/2

1. Complex compounds--Production 2. Co[illegible]
3. Oxy-naphthaldehyde--Chemical reactions

PESIS, A.S.; BITOVT, Z.A.

Determination of palladium with p-hydroxy-α-naphthyl aldehyde. Zhur. anal.khim. 15 no.2:200-202 Mr-Ap '60. (MIRA 13:7)

1. Permskiy meditsinskiy institut.
(Palladium--Analysis)

PESIS, A.S.; SOKOLOVA, Ye.V.

Interaction of vanadium (IV) with hydroxy aldehydes and their imines. Zhur. neorg. khim. 8 no.11:2518-2523 N '63. (MIRA 17:1)

1. Permskiy meditsinskiy institut, kafedra obshchey khimii.

GUSEV, S.I.; PESIS, A.S.

Determination of cadmium with β-hydroxynaphthylal- α-aminopyridine.
Zhur.anal.khim. 17 no.7:843 0 '62. (MIRA 15:12)

1. Perm State Medical Institue.
(Cadmium—Analysis)
(Chemical tests and reagents)

GUSEV, S.I.; KUMOV, V.I. [deceased]; SOKOLOVA, Ye.V.; PESIS, A.S.

Reaction of β-hydroxynaphthaldehyde-α-aminopridine with certain bivalent cations. Zhur.neorg.khim. 6 no.8:1875-1880 Ag '61. (MIRA 14:8)

1. Permskiy meditsinskiy institut, kafedra neorganicheskoy i analiticheskoy khimii.
(Complex compounds) (Metals--Analysis)

PESIS, A.S.

Determination of palladium and nickel, and also palladium and copper in a single sample. Zhur.anal.khim. 16 no.2:253-254 Mr-Ap '61. (MIRA 14:5)

1. Perm State Medical Institute.
(Palladium--Analysis)
(Nickel--Analysis)
(Copper--Analysis)

PESIS, A.S.

Reactions of beryllium chloride with certain azomethines. Zhur. neorg.khim. 6 no.4:1004-1006 Ap '61. (MIRA 14:4)

1. Permskiy meditsinskiy institut, kafedra obshchey khimii.
(Beryllium chloride) (Methylenimine)

PESIS, B.

The French progressive literature in the struggle for peace and democracy Moskva, Sovetskii pisatel', 1952. 178 p. (52-42241)

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SA

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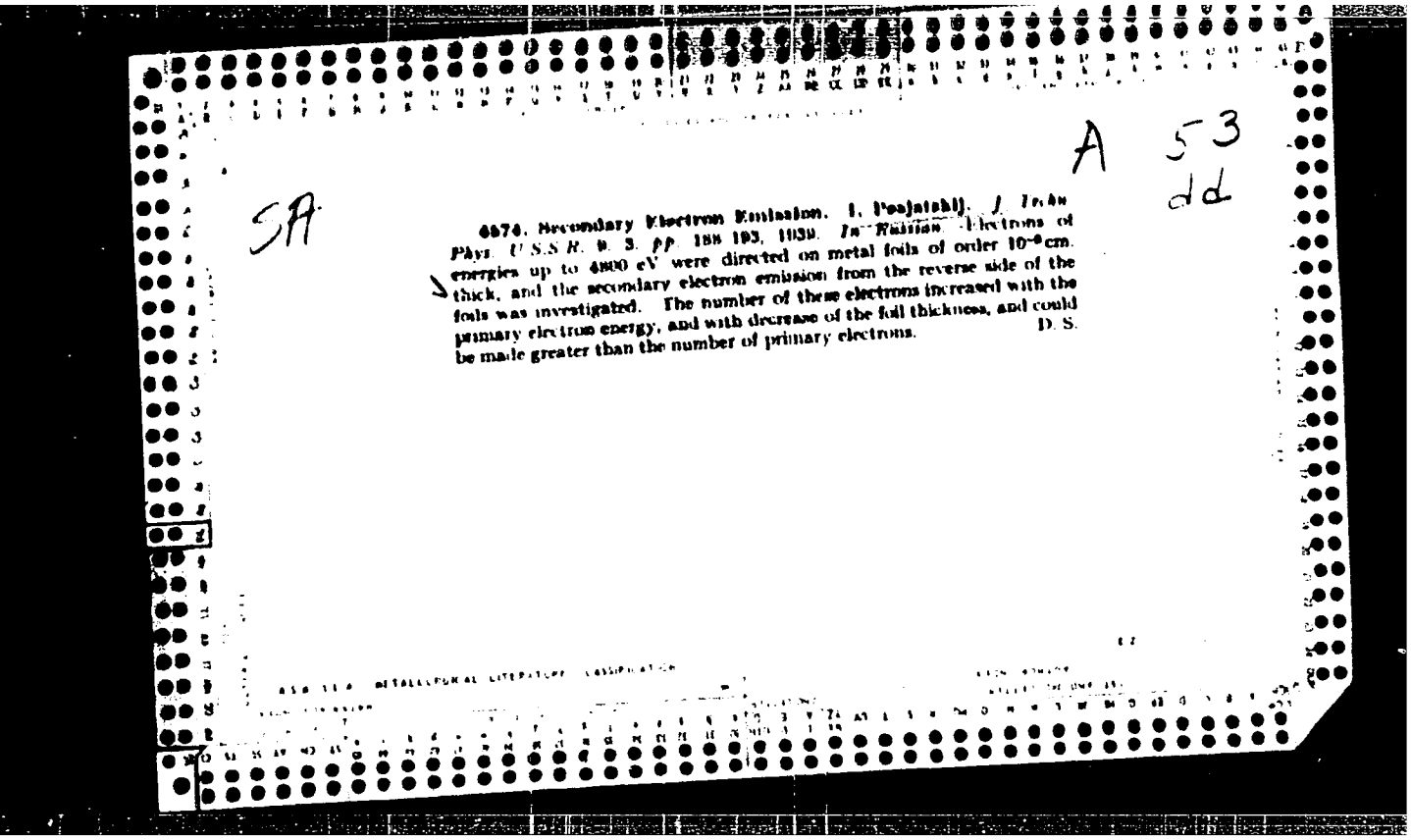
187. Measurement of the inertia of the dynatron effect. I. PRSJATZKIJ. *J. Techn. Phys. U.S.S.R.*, **9**, 3, *pp.* 194–197, 1939. *In Russian.* —It is important in television to know the values of the dynatron effect within the range of 10^{-6} to 10^{-7} sec. Still smaller time intervals are without practical interest, on account of the velocity of the electrons which, depending on geometric dimensions and applied voltage, fluctuates from 10^{-7} to 10^{-8} sec. Using Lissajous figures on a cathode-ray oscillograph the time between the emission of the primary electrons from the cathode and the arrival of the secondary electron on the collector was measured. In metals (Ag, Ni) no effects of the phase shift within the time 10^{-7} sec. and an amplitude fall in 10^{-6} sec. were observed; in NaCl there was no effect within $1 \cdot 5 \times 10^{-6}$ sec. and an amplitude fall within $1 \cdot 5 \times 10^{-6}$ sec.; negative results also obtained for a compound surface of Cs-AgO, phase shift 5×10^{-7} sec. and amplitude fall within 10^{-6} sec. It follows that the inertia of the dynatron effect may be detected only in higher ranges of the frequency, and is not likely to affect present-day television apparatus.

F. B. K.

ASD-SLA METALLURGICAL LITERATURE CLASSIFICATION



A 5-3
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SA

6874. Secondary Electron Emission. I. Pogjatshij. *J. Tech. Phys. U.S.S.R.* 9. 3. pp. 188 193. 1939. *In* Russian. Electrons of energies up to 4800 eV were directed on metal foils of order 10^{-6} cm. thick, and the secondary electron emission from the reverse side of the foils was investigated. The number of these electrons increased with the primary electron energy, and with decrease of the foil thickness, and could be made greater than the number of primary electrons. D. S.

AUTHOR: Shapiro, I. L., Engineer, and Pesis, I. M., Engineer.

TITLE: Residual Generator Voltages in a Generator-Motor System during Auto-Suppression of the Field (Ostatochnoye napryazheniye generatora sistemy generatordvigatel'pri samogashenii polya)

PERIODICAL: Vestnik Elektropromyshlennosti, 1957, No.2. pp.66-68 (USSR)

ABSTRACT: Auto-suppression of the generator field is used to retard the driving motor in modern drives operating on the motor-generator principle. In order to reduce to a minimum the voltage induced by residual magnetism the shunt field winding is connected to the armature terminals during the retardation in such a way as to counteract

TITLE: Residual Generator Voltages in a Generator-Motor System during Auto-Suppression of the Field (Ostatochnoye napryazheniye generatora sistemy generatordvigatel'pri samogashenii polya)

residual magnetic flux. This is sufficient to stop the driving motor, provided that there is an appreciable static load on the shaft, that the compounding characteristics of the generator are not very marked, and that the constants of the circuit consisting of the field winding and the armature are such that the residual generator voltage is small. The series field windings may cause the residual voltage to be relatively great.

Card 2/5

TITLE: Residual Generator Voltages in a Generator-Motor System during Auto-Suppression of the Field (Ostatochnoye napryazheniye generatora sistemy generatordvigatel' pri samogashenii polya)

This article is concerned with the determination of residual voltage on generator terminals when the generator shunt field winding is cross connected.

Equations are first derived for generators with cross connected field running independently and a graphic method of determining the residual voltage is provided. This is then extended to apply to motor-generators.

Card 3/5 It is shown that in order to reduce the

TITLE: Residual Generator Voltages in a Generator-Motor System during Auto-Suppression of the Field (Ostatochnoye napryazheniye generatora sistemy generatordvigatel'pri samogashenii polya)

residual voltage of the generator to a minimum there should be no additional resistance in the field winding and the number of contacts in this circuit should be as few as possible.

In some cases it may be advisable to use a generator shunt field winding with a lower rated voltage than the armature rated voltage.

Card 4/5

81

TITLE: Residual Generator Voltages in a Generator-Motor System during Auto-Suppression of the Field (Ostatochnoye napryazheniye generatora sistemy generatordvigatel'pri samogashenii polya)

The text includes 5 diagrams; there are no references.

ASSOCIATION: "Elektroprivod" Trust

PRESENTED BY:

SUBMITTED:

AVAILABLE: Library of Congress

Card 5/5

PESIS, I.M., inzhener.

Direct-current reversing drive with dynamoelectric control. Vest. elektroprom. 27 no.10:50-55 O '56. (MLRA 10:9)

1. Khar'kovskoye otdeleniye TSentral'nogo konstruktorskogo byuro "Elektroprivod."

(Electric driving)

PESIS, P.P., [illegible].

Strength of the assemblies of a double-deck passenger car.
Vest. TSNII MPS 23 no.4:11-14 '64. (MIRA 17:5)

1. Leningradskiy vagonostroitel'nyy zavod im. Yegorova.

BASKUTIS, P., prof., red.; YANITSKIS, I.[Janickis,I.], doktor khim. nauk, prof., red.; VIDMANTAS, Yu.[Vidmantas, J.], prof., otv. red.; STANAYTIS, I.[Stanaitis, I.], starshiy prepodavatel', red.; BRAYNIN, S., kand. istor. nauk, dots., red.; INDRYUNAS, I., [Indriunas, I.], doktor tekhn. nauk, prof., red.; LASINSKAS, M., kand. tekhn. nauk, red.; NOVODVORSKIS, A., kand. tekhn. nauk, dots., red.; PESIS, R.[Pesys, R.], kand. tekhn. nauk, dots., red.; SADAUSKAS, T., dots., red.; SHESHEL'GIS, K.[Seselgis, K.], kand. arkh. dots., red.; VASAUSKAS, S., kand. tekhn. nauk, dots., red.; ZDANIS, Yu. [Zdanis, J.], kand. tekhn. nauk, red.; GRIGALYUNAS, B. [Grigaliunas,B], red.; EYTUTIS, V.[Eitutis, V.], red.; VIDMANTAS, Yu.[Vidmantas,J.], red.; NAUYOKAS, I. [Naujokas,I.], tekhn. red.

[Materials of the 5th Scientific Technical Conference of Students of Institutions of Higher Learning of the White Russian S.S.R., Latvian S.S.R., Lithuanian S.S.R. and Estonian S.S.R.] Trudy Nauchno-tekhnicheskoi konferentsii studentov vysshikh uchebnykh zavedenii Belorusskoi SSR, Latviiskoi SSR, Litovskoi SSR i Estonskoi SSR, 5th. Kaunas, Izd. Kaunasskogo politekhn. in-ta, 1961. 205 p. (MIRA 14:12)

1. Nauchno-tekhnicheskaya konferentsiya studentov vysshikh uchebnykh zavedeniy Belorusskoy SSR, Latviyskoy SSR, Litovskoy SSR i Estonskoy SSR, 5th.
(Science--Congresses) (Technology--Congresses)

PESIS, Ya.D.; KOLOMEYCHENKO, V.A.

New method of cooking jam in a vacuum apparatus. Kons. i ov. pron. 13 no.6:11-12 Je '58. (MIRA 11:5)

1. Benderskiy konservnyy zavod.
(Jam)

OSTROVSKIY, Ya.M. [Ostrovs'kyi, IA.M.]; SERDYUKOV, I.I.; KATS, Yu.M.; KOZACHUK, A.I.; TURZHANSKIY, Yu.V. [Turzhans'kyi, IU.V.]; SNIGUR, I.I. [Snihur,I.I.]; KIRILLOVSKIY, G.S. [Kyrylovs'kyi, H.S.]; BRON, S.S.; PESIS, Ye.I. [Pesis,E.I.]; SHUL'GA, A.M. [Shul'ha,A.M.]

Proposals of efficiency promoters. Leh.prom. no. 4:81-88 O-D '63. (MIRA 17:5)

1. Khar'kovskaya obuvnaya fabrika (for Ostrovskiy, Serdyukov, Kats). 2. Zhitomirskaya obuvnaya fabrika (for Kozachuk, Turzhanskiy, Snigur). 3. Kiyevskaya obuvnaya fabrika No. 6 (for Kirillovskiy, Bron, Pesis, Shul'ga).

MIKHEYEV, A. (Simferopol'); ZAYCHENKO, N. (Ishimbay, Bashkirskaya ASSR); ORLOVA, A. (Ryazan'); GLOBUSOV, A. (g.Serov); KUTSYNIKOV, A. (Leningrad); KONOPLEV, V. (Blagoveshchensk); PEIS, Z. (Odessa).

At the fighting stand. Pozh. delo 3 no.9:18-19 S '57. (MIRA 10:9)
(Fire prevention)

PESIS, Z. (Odessa)

Assistance of the members of Communist Youth League. Pozh.delo 3 no.10:6 O '57. (MIRA 10:11)
(Odessa--Communist Youth League) (Odessa--Fire prevention)

BIKIN, M. (Bikin, Khabarovskiy kray); DUNAYEV, B. (Nal'chik); IL'IN, V.; PYANKOVSKIY, V. (Ufa); ROSLYAKOV, V.; PESIS, Z.; SOKOLOV, D.

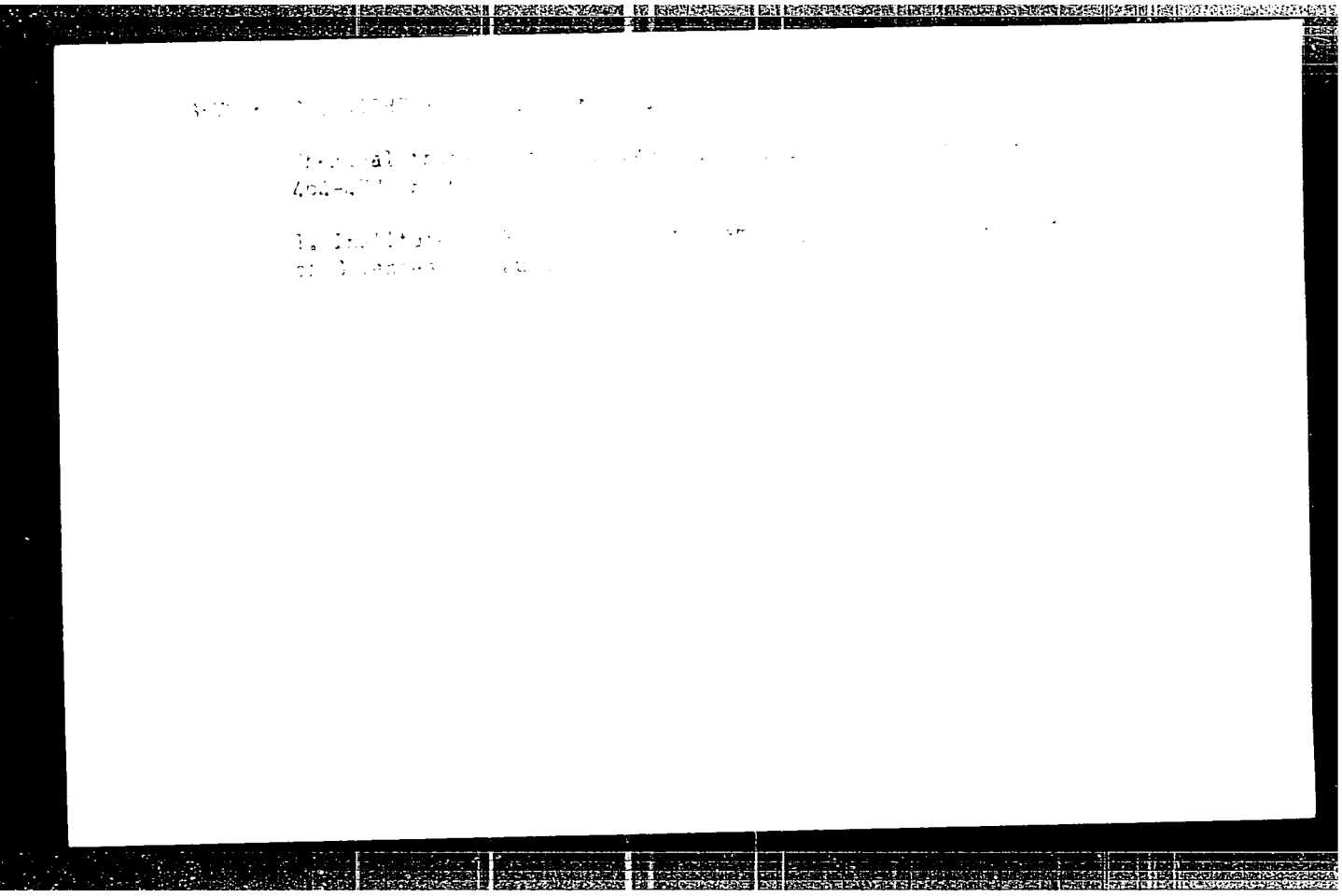
Readers' letters. Posh.delo 5 no.12:30 D '59. (MIRA 13:4)

1. Nachal'nik Otdeleniya pozharnoy okhrany Gubinskogo torfopredpriyatiya, Moskovskaya oblast'.
(Fire prevention) (Fire extinction)

PESKA, F.; BRUCKNER, L.; CERNY, J.

The kymographic picture of gastric changes in radiation injury.
Cesk. gastroent. vyz. 15 no.1:61-63 F '61.

1. Onkologicke oddeleni KUNZ - Ostrava V. v Paskove, prednosta prim. MUDr. B. Raffersberg.
(RADIATION INJURY pathol.) (STOMACH radiation effects)
(KYMOGRAPHY)



CZECHOSLOVAKIA

PESKA, J; BINES, M.J; WICHTERLE, O.

Institute of Macromolecular Chemistry, Czechoslovak Academy of Sciences, Prague - (for all)

Prague, Collection of Czechoslovak Chemical Communications, No 1, January 1966, pp 243-251

"The anionic polymerization of cyanogen."

CZECHOSLOVAKIA

HRIZ, J; BEBES, M.J; PASKA, J

Institute of Macromolecular Chemistry, Czechoslovak Academy of Sciences, Prague - (for all)

Prague, Collection of Czechoslovak Chemical Communications, No 1, January 1967, pp 398-409

"On the production and reaction of acetylenides in dimethyl sulfoxide."

CZECHOSLOVAKIA

PESKA, J.; HAVA, V.; Research Institute of Natural Drugs (Vyzkumny Ustav Prirodnich Leciv), Prague.

"The Influence of Androgenous Steroids on the Functional Strength of Musculus Bulbocavernosus Dorsalis (BCD) of Rat."

Prague, Ceskoslovenska Fysiologie, Vol 15, No 5, Sep 66, p 470

Abstract: The course of fatigue of an isolated BCD of male rats was investigated. Muscles artificially stimulated to grow are compared to those that grew under natural influences. 1 Czech reference. Submitted at 11 Days of Pharmacology at Smolenice, 15 Feb 66.

1/1

L 13537-65 EWG(j)/FSS-2/EWG(r)/EWT(l)/EEC(a)/T/EWG(c)/EWG(a)/FS(v)-3/EWG(v)
Pe-5 AWD/AS(mp)-2/AFWL/ASD(a)-5/SSD/ESD(gs)/AEDC(a)/AEDC(b)

ACCESSION NR: AP4044130 Z/0040/64/000/008/0247/0248

AUTHOR: Peska, Miroslav; Breitkopf, Otto

TITLE: Soundproof helmet

SOURCE: Letecky obzor, no. 8, 1964, 247-248

TOPIC TAGS: sound level, soundproofing, soundproof helmet, sound absorption, excessive noise level

ABSTRACT: The article discusses the problem of the generally increased noise level due to increased highway and air traffic, particularly in the case of airports in Czechoslovakia, pointing out that it is ground-based personnel at airports who are most vulnerable to the harmful effects of excessively high noise levels. A table is given of increased sound levels generated by the various types of transport aircraft landing at Czech airports, and the various means for suppressing sound at its source (the motor) and for absorbing it once it is propagated in the surroundings are discussed. Some Soviet, West German, and French sound absorber designs are discussed, as are three types of individual sound absorption devices currently used by personnel working under high sound-level condi-

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L 13537-65

ACCESSION NR: AP4044130

tions. Of these soundproof helmets, the best types are those that cover the whole ear and protect the whole head and are used where the sound level exceeds 100-110 db. It is pointed out that the problem of protecting ground personnel from excessive sound levels at Czech airports was solved by using soundproof helmets of foreign manufacture. The available supply of these helmets, however, did not meet the demand, and VUBP [not otherwise identified in text] was not able to arrange for the manufacture of such helmets in Czechoslovakia. Even these helmets had the disadvantage of not being profiled to the head and face, which reduced their effectiveness. Scientific research institutes are called on to cooperate with designers and engineers to find a decisive solution to the problem of protecting ground and other service personnel from the harmful effects of excessive noise. Orig. art. has: 4 figures and 1 table.

ASSOCIATION: none
SUBMITTED: 00 ENCL: 00 SUB CODE: GP, PH
NO REF SOV: 000 OTHER: 000

Card 2/2

PESKA, S.

30

POLAND

EULESZA, Aleksandra of the Department of Epidemiology (Zakład Epidemiologiczny) of the PZH (Państwowy Zakład Higieny -- State Institute of Hygiene), Director: Prof Dr F. PRZESMYCKI, Head of the Department: J. JOSTRZEWSKI; J. GOLBA, T. JOPKIEWICZ, M. LACPERSKI, W. KOCIELSKA, K. LIPIŃSKA, S. LUTYŃSKI, J. MALARZEWICZ, S. PESKA, T. RODKIEWICZ, W. SOCZEWICA, S. SZCZERWIAK, D. ŻOLNIERKOWA all of the WSSE (Wojewódzkie Stacje Sanitarno-Epidemiologiczne -- Wojewodztwo Health and Epidemiology Stations); K. DOBROWSKI, A. GEOCW, J. HELBER, E. JUDWA, J. KUROCIKIN, J. SIGNATOWICZOWA, Z. SZCZERSKA, K. SZCZYGIELSKI, K. ŚWIDOWA, R. WARTECKA of the Departments of Poliomyelitis Patients (Oddziały dla Chorych na Poliomyelitis) of the WSSE; H. DOBROWOLSKA of the Department of Virology (Zakład Wirusologii) of PZH, Director: Prof Dr F. PRZESMYCKI; J. ADAMSKI (Poznan), H. DOBROWOLSKA (Warsaw), J. BOCHEŃSKA (Lodz), M. KOENIG (Krakow), H. MAKOWER (Wroclaw), F.Z. TAYTSCH (Warsaw) of the PZH; technical aid of A. DAGINSKA of the PZH.

"Safety of Immunization with the Attenuated Polio Virus

1/2

POLAND

Strains Type 1 Chat and Type 3 W Fox''

Warsaw, Przegląd Epidemiologiczny, Vol XVI, No 4, 62, pp 377-383.

Abstract: [Author's English summary modified] An epidemical, clinical and virological analysis of poliomyelitis in Poland was made within 5 weeks after completion of oral immunization with polio virus type 1 Chat and type 3 W Fox. Investigations made in 1959 and 1960 show the complete safety of Koprowski's attenuated oral vaccine type 1 Chat. The strain 3 W Fox is indicated as a pathogenic one and its uncertain safety found by investigations in 1960 has been confirmed. 8 tables; 2 diagrams; 9 references, 2 Polish the rest Western.

12/2

PESKA, S.

POLAND

KULENZA, Aleksandra; Department of Epidemiology (Zaklad Epidemiologii), PZH (Panstwowy Zaklad Higieny -- State Institute of Hygiene), Director: Prof Dr J. KOSTRZEWSKI, Head of the Institute: Prof Dr F. PRZESMYCKI; with the collaboration of J. GOLBA, T. JOPKIEWICZ, M. ZACPRZAK, W. KOCIELSKA, M. KOPEC, K. LIPINSKA, R. LUTYNSKI, J. MAKAREWICZ, H. MALYSZKO, K. NEYMAN, A. OLES, S. PESKA, Z. POPIELEWICZ, T. RODKIEWICZ, J. ROZWADOWNA, W. SOCZEWICA, S. SZCZESNIAK, D. ZOLNIERZOWA all of the Wojewodztwo Health and Epidemiological Stations (Wojewodzkie Stacje Sanitarno-Epidemiologiczne); H. BOBROWSKI, A. GECOW, J. GELBER, M. GRUSZCZYNSKA, H. JASTRZEBSKA, E. JUZWA, J. KUROCZKIN, Z. RESZKE, R. STANCZYK, J. SYONATOWICZOWA, Z. SZCZERSKA, K. SZCZYGIELSKI, S. SZYNDLAR, K. SWICOWA, J. WAJSZCZUK, R. WARZECHA all of the Departments of Poliomyelitis Patients (Oddzialy dla Chorych na Poliomyelitis) of the Wojewodztwo Health and Epidemiological Stations; J. ADAMSKI (Poznan), H. DOBROWOLSKA (Warsaw), J. BOCHENSKA (Lodz), M. KOENIG (Krakow); H. DOBROWOLSKA of the Department of Virology (Zaklad Wirusologii) of PZH.

1/2

POLAND

Director: Prof Dr F. PRZESMYCKI, technical aid: A. RATINSKA

"Epidemic Situation of Poliomyelitis in Poland in 1961"

Warsaw, Przeglad Epidemiologiczny, Vol XVI, No 4, 1962, pp369-375.

Abstract: [Author's English summary modified] The profound influence on the epidemiology, etiology and clinical picture of poliomyelitis of the introduction of mass immunization with attenuated polio vaccines in 1959 is discussed. Observations on the influence and effect of immunizations with such vaccines on the epidemic situation of poliomyelitis in Poland are reported. 4 tables, 2 diagrams; 5 Polish references.

12/2

OLAKOWSKI, Tadeusz; TRZCINSKA, Romana; MORAWSKI, Franciszek; PESKA, Stanislawa

Use of gamma globulin in preventing viral hepatitis in a tuberculosis sanatorium for adolescents. Przegl epidem. 18 no.2:209-217 '64.

1. Z Wojewodzkiej Stacji Sanitarno-Epidemiologicznej w Aninie (Dyrektor: dr med. J. Zasztowt); Z Miodziezowego Sanatorium Przeciwgruzliczego w Dziekanowie Lesnym (Dyrektor: dr med. J. Lutz) oraz z Mlodziezowego Sanatorium Przeciwgruzliczego im. Okrzei w Otwocku (Dyrektor: dr med. F. Morawski).

PESKA, Stanislaw

SICINSKI, Alfred; PESKA, Stanislaw

Case of rheumatic meningitis. Polski tygod. lek. 9 no.19:597-598 10 May 54.

1. Z I Kliniki chorob Wewnetrznych A.M. w Warszawie, kierownik: prof. dr med. Andrzej Biernacki.
(MENINGITIS, etiology and pathogenesis, rheum., case report)
(RHEUMATISM, complications, meningitis, case report)

OLAKOWSKI, Tadeusz; PESKA, Stanisławaw PASZNIK, Jan

Epidemiological analysis of infectious hepatitis in 11 counties of the Warsaw Region during the period 1956-1961. Przegl. epidem. 17 no.3:181-193 '63.

1. Z Wojewodzkiej Stacji Sanitarno-Epidemiologicznej w Aninie Dyrektor: dr J. Zasztowt oraz z Zakladu Epidemiologii Panstwowego Zakladu Higieny Kierownik: prof. dr J. Kostrzewski.
(HEPATITIS, INFECTIOUS) (STATISTICS)

L 01916-67 T JK

ACC NR: AP6035156 (A) SOURCE CODE: PO/0081/65/019/002/0218/0219

SZELAG, Janusz; PESKA, Stanislawa and MALKIEWICZ, Michalina; Regional Sanitation and Epidemiology Station (Wojewodzka Stacja Sanitarno-Epidemiologiczna), Warsaw-Anin

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B

"Epidemiologic Difficulties in Determining the Outbreaks of Salmonellosis in the Warsaw Territory."

Warsaw, Przeglad Epidemiologiczny, Vol 19, No 2, 1954; pp 218-219.

Abstract: During the six years 1958 to 1963, the number of cases of Salmonellosis each year was 15, 4, 14, 4, 32, 68. During this time, S. typhiurium was the most frequent causative agent (81 cases), next was S. kuntzendorf with 21. Two of the relatively large outbreaks in 1963 (37 and 28 persons respectively) are analyzed in some detail, stressing the need for close collaboration between bacteriologists, clinicians and epidemiologists. Presented at the 3rd Scientific Assembly of Polish Epidemiologists and Infectologists, Krakow, 5-6 Oct 64. [JPRS]

TOPIC TAGS: bacteriology, epidemiology

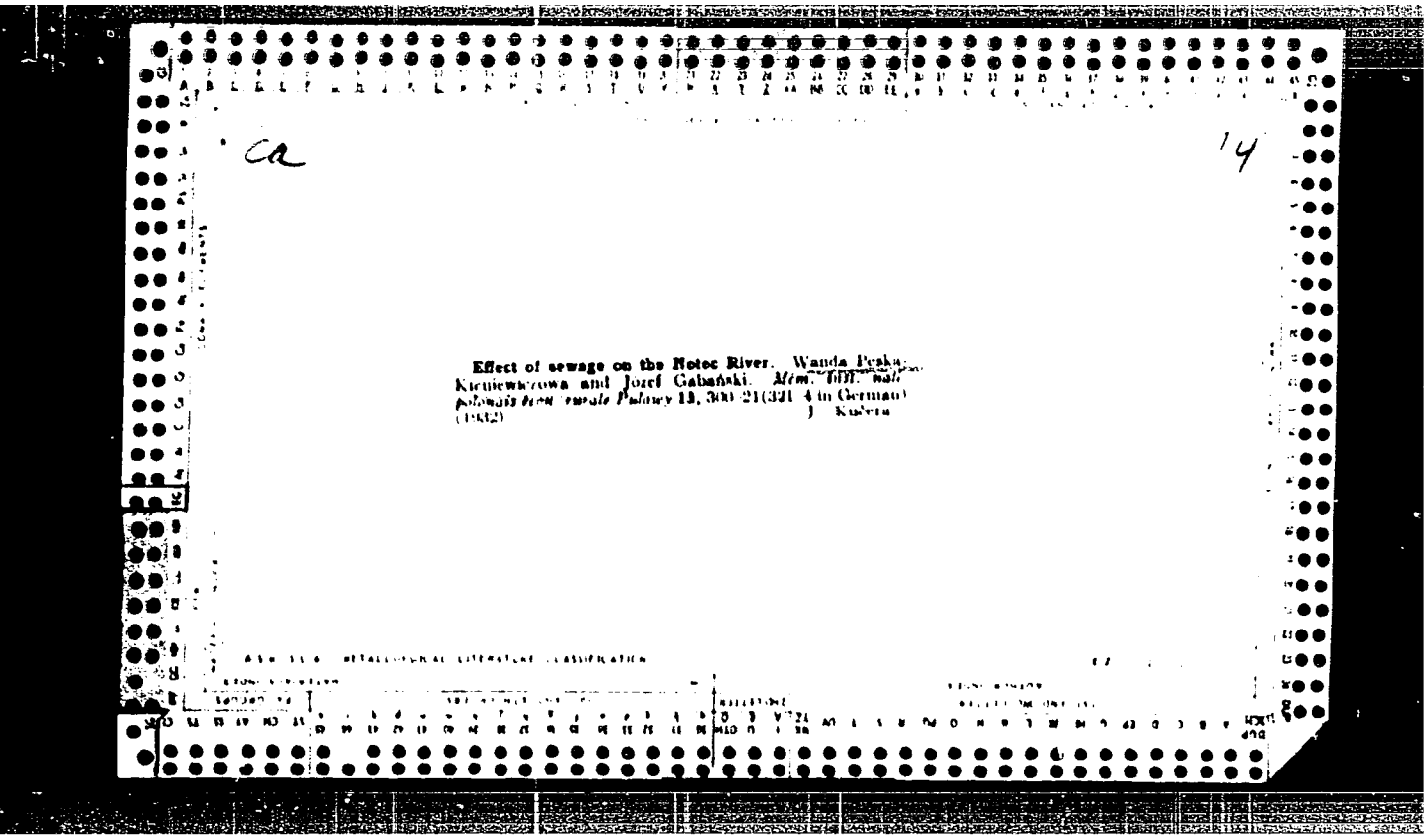
SUB CODE: 06 / SUBM DATE: none

Card 1/1 blg

PESKAREVA, K.K., kand.med.nauk

Secondary perforations of ulcers of the stomach and duodenum.
Khirurgiia 35 no.12:100-102 D '59. (MIRA 13:6)

1. Iz kafedry obshchey khirurgii pediatricheskogo i sanitarno-gigiyenicheskogo fakul'tetov (zav. - prof. M.M. Levin) Khar'kovskogo meditsinskogo instituta.
(PEPTIC ULCER PERFORATION case reports)



ca

14

Effect of sewage on the Notec River. Wanda Peska-Kiciewiczowa and Józef Gabański. *Mem. Off. nat. Polonais des eaux Pologne* 13, 301-21(321 4 in German) (1932).

PESKA-IASKOWSKA, Miroslawa; BISKUPSKA, Janina

Restorative operation in nasal defects after lupus. Otolar polska 15 no.2:209-214 '61.

1. Z Kliniki Otolaryngologicznej A.M. w Warszawie Kierownik: prof. dr med. J. Szymanski
(NOSE surg)
(LUPUS corpl)

BISKUPSKA, Janina; PESKA-LASKOWSKA, Miroslawa

Cases of a rare developmental anomaly of the auricle of the ear. Otolar polska 15 no.2:215-217 '61.

1. Z Kliniki Otolaryngologicznej AM w Warszawie Kierownik: prof. dr med. J. Szymanski
(EAR EXTERNAL abnorm)

PESKA-LASKOWSKA, Miroslawa (Warszawa, Nowogrodzka 59)

Repair defect of the cutaneous nasal septum. Otolar. polska 8 no.4:319-326 1954.

1. Z Kliniki Laryngologicznej Akademii Medycznej w Warszawie. Kierownik: prof. dr med. H.Lewenfisz.
(NASAL CAVITY, surgery,
repair of cutaneous nasal septum)

PESKAREVA, K.K., kand.med.nauk

Hemangioma of the stomach. Khirurgiia no.11:123 '61.
(MIRA 14:11)

1. Iz kafedry obshchey khirurgii podiatricheskogo i sanitarno-gigiyenicheskogo fakul'tetov (zav. - prof. M.M. Levin) Khar'kovskogo meditsinskogo instituta.
(STOMACH--TUMORS) (ANGIOMA)

PESKAREV, N.A.

Designing shafts for bending and torsion. Trudy LTI no.50:46-56 '59.
(MIRA 14:3)
(Shafting)

PESKAREVA, K. K.

Peskareva, K. K. - "Pathomorfological principles of nonhealing wounds of long duration originating from gun shot," In the table of contents: P. P. Peskareva, In the symposium: V. N. Shamov, Kiev, 1949, p. 159-64

SO: U-4355, 14 August 53, (Letopis 'Zhurnal 'nykh Statey, No. 15, 1949)

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

Distribution of the population in the Rumanian Peoples' Republic. Sov. zdrav. 21 no.9:79-81 '62 (MIRA 17:4)

PESKEV, fnu

USSR
on: July, 1936, production of the fish canning kombinat

SOURCE: N: Tyumenskaya Pravda Tyumen July 24, 1946
Abstracted in USAF "Treasure Island" Report No. 51852,
on file in Library of Congress, Air Information Division

BOGOMOLOV, O. (U.R.S.S.); PESKEV, I. (U.R.S.S.)

Principles and prospects of international division of labor and collaboration among the socialist countries. Probleme ecop 15 no.8:21-35 Ag '62.

PESKIN, A.A.

Developing and manufacturing a d.c. amplifier with a galvanometer-type induction converter. Biul.-tekh.-ekon.inform.Gos.nauch.-issl. inst.nauch.i tekh.inform. 18 no.6:41 Je '65. (MIRA 18:7)

S/880/61/000/079/005/011
E194/E455

AUTHORS: Mil'shteyn, V.N. (deceased), Peskin, A.A., Fish, M.L.

TITLE: A new recording detector frequency meter

SOURCE: Lvov. Politekhnichnyy institut. Nauchnyye zapiski. no.79. Voprosy elektroizmeritel'noy tekhniki. no.1. 1961. 109-117

TEXT: The development history of a new narrow-range frequency meter, of better performance than existing types, is briefly reviewed; a prototype has been built in the Krasnodarskiy zavod izmeritel'nykh priborov (Krasnodar Measuring Instrument Works). In the schematic circuit diagram (Fig.1) the main components are a magneto-electric variometer, two full-wave copper oxide rectifier circuits and a measuring circuit. The input voltage to be measured is applied to the transformer primary through a resonant filter; the voltage U_L on the secondary is a function of frequency. One of the variometer currents is the vector sum and the other the vector difference of currents set up by the voltages U_L and U_1. Consequently, the variometer measures the ratio of two currents, each being a function of frequency. The resonant

Card 1/3

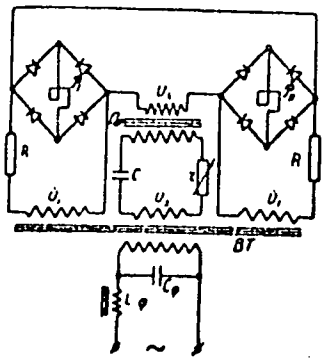
frequency is the principal frequency to be measured. At resonance, the current I_L is displaced by $\pi/2$ relative to I_1, so that both the sum and the difference of the two currents are of the same amplitude and the currents in the two variometer arms are equal. Any change in frequency from the resonance value alters the vector I_L, thus altering the current in the variometer arms. The advantages of this arrangement are discussed and the constructional features of a prototype with a range of 49 to 51 c/s are described. Because of its inherent sensitivity, the circuit can be smaller and lighter than existing instruments. The first requirement was a new compact magneto-electric variometer of low power consumption. The variometer was built with a cylindrical magnet inside the moving variometer coils, and an external cylindrical magnetic circuit. The 49 to 51 c/s frequency meter is of 0.2 accuracy class, with a power consumption of 2.5 W including the filter. Voltage variations of $\pm$ 10%, the presence in the voltage of 10% third harmonic and a temperature variation of $\pm$ 10°C each individually cause an error of 0.02%. The instrument weighs 8 kg and occupies 180 x 200 x 230 mm; it has a uniform scale and is

S/880/61/000/079/005/011
E194/E455

A new recording detector ...

simple, reliable and easy to make. There are 4 figures and 5 tables.

Fig.1.



Card 3/3

L 27371-66 EWT(l)/EWA(h)

ACC NR: AP6005296 SOURCE CODE: UR/0413/66/000/001/0036/0036

INVENTOR: Peskin, A. A.; Kiykov, G. A.

ORG: none

TITLE: A dc amplifier with transistorized noncontact converter. Class 21, No. 177463 [announced by Krasnodar Measuring Instrument Plant (Krasnodarskiy zavod izmeritel'nykh priborov)]

SOURCE: Izobreteniya, promyshlennyye obraztsy, tovarnyye znaki, no. 1, 1966, 36

TOPIC TAGS: dc amplifier, transistorized circuit, signal to noise ratio

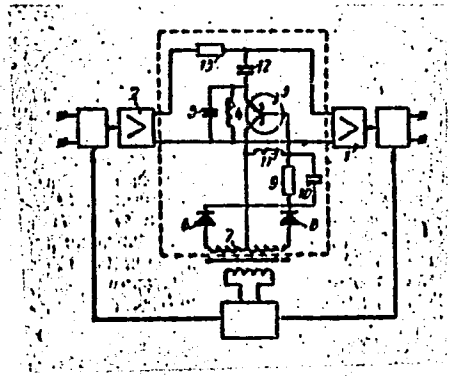
ABSTRACT: This Author's Certificate introduces a dc amplifier with transistorized noncontact converter. The signal-to-noise ratio is improved by connecting a switching transistor shunted by an LC-circuit between the pulse amplifier and power amplifier in series with a full-wave rectifier circuit, high-frequency filter and range multiplier with separating capacitor.

UDC: 621.375.024

Card 1/2

L 27371-66

ACC NR: AP6005296



1--pulse amplifier; 2--power amplifier; 3--switching transistor; 4--inductive circuit; 5--capacitive circuit; 6 and 8--rectifier diodes; 7--transformer winding; 9--filter resistor; 10--filter capacitor; 11--filter inductance; 12--separating capacitor; 13--instrument multiplier.

SUB CODE: 09/ SUBM DATE: 11Feb65

Card 2/2

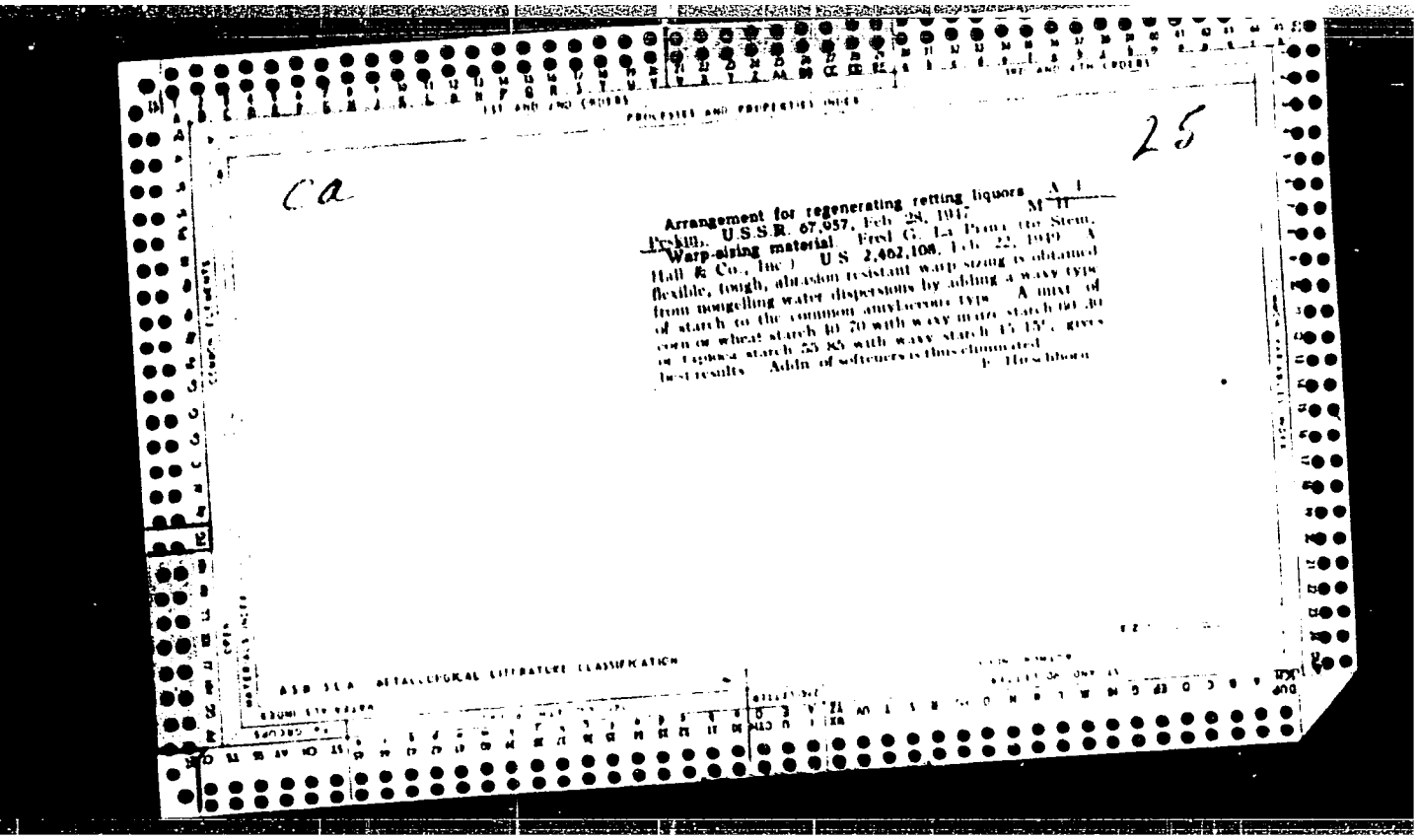
MIL'SHTEYN, V.N. [deceased]; PESKIN, A.A.; FISH, M.L.

A new recording detector-type frequency meter. Nauch. zap. LPI no.1:109-117 '61. (MIRA 16:6)
(Frequency measurements) (Electric measurements)

PESKIN, A.A.

Design of rectifying mechanisms for recording devices with direct transformation. Izm.tekh. no.3:35-38 Mr '62. (MIRA 15:2)

(Recording instruments)



Ca

25

Arrangement for regenerating retting liquors A 1
Perkin. U.S.S.R. 67,957, Feb 28, 1947. M 11

Warp-sizing material Fred G. La Penn (to Stein, Hall & Co., Inc.) U S 2,462,108, Feb 22, 1949. A flexible, tough, abrasion resistant warp sizing is obtained from nongelling water dispersions by adding a waxy type of starch to the common amylaceous type. A mixt of corn or wheat starch 10 70 with waxy maize starch 90 30 or tapioca starch 55 85 with waxy starch 45 15%, gives best results. Addn of softeners is thus eliminated. P. Hirschhorn

ASD SLA METALLURGICAL LITERATURE CLASSIFICATION

PESKIN, A.I., podpolkovnik meditsinskoy sluzhby

Prospects for the use of the combined method of functional diagnosis in stomach diseases. Voen.-med. zhur. no.11:22-26 N '61. (MIRA 15:6)

(STOMACH—DISEASES)

PESKIN, A.I., podpolkovnik med. sluzhby

Effective test meal. Voen.-med. zhur no.5:6?-69 My '57 (MIRA 12:7)
(GASTRIC JUICE
acidity & Secretion, determ. with various test meals (Rus))

BC

B-II-10

(a) Tanning sheepskins with the application of iron salts. J. I. Preskin. (b) Treating sheepskins with iron and chromium salts. J. I. Preskin and V. N. Smirnova (Tsent. Nauch.-Issledov. Inst. Kozh. Prom. Sborn. Rab., 1934, No. 6, 73—100, 100—113).—(a) Use of Fe-Cr mixtures permits economy of Cr salts. The product has a higher tensile strength, lower elongation, and stronger grain side than in simple Cr-tanning.

(b) Fe-Cr tanning gives inferior wearing quality.

Ch. Abs. (e)

ASM-SLA METALLURGICAL LITERATURE CLASSIFICATION

ALEKSANDROV, A.M., inzh.; BAZHENOV, V.S., inzh.; BOBROVNIKOV, B.N., inzh.; VAGANOV, M.P., inzh.; GUREVICH, B.M., inzh.; DZHIBELLI, V.S., inzh.; DROBAKH, V.T., inzh.; ISAKOVICH, R.Ya., kand. tekhn. nauk; KAPUSTIN, A.G., inzh.; KONENKOV, K.S., inzh.; MININ, A.A., kand.tekhn.nauk; PEVZNER, V.B., inzh.; PESKIN, G.L., inzh.; PORTER, L.G., inzh.; RYADILOV, A.N., inzh.; [illegible]SKIY, L.B., inzh.; FEDOSOV, I.V., inzh.; FRENKEL', B.A., inzh.; TSIMBLER, Yu.A., inzh.; SHUL'GIN, V.Kh., inzh.; ESKIN, M.G., kand. tekhn. nauk; VOROB'YEV, D.T., inzh. [deceased]; SINEL'NIKOV, A.V., kand. tekhn. nauk; SHENDLER, Yu.I., kand. tekhn. nauk, red.; NESMELOV, S.V., inzh., zam. glav. red.; NOVIKOVA, M.M., ved. red.; RASTOVA, G.V., ved. red.; SOLGANIK, G.Ya., ved. red.; VORONOVA, V.V., tekhn. red.

[Automation and apparatus for controlling and regulating production processes in the petroleum and petroleum chemical industries] Avtomatizatsiia, pribory kontrolia i regulirovaniia proizvodstvennykh protsessov v neftianoi i neftekhimicheskoi promyshlennosti. Moskva, Gostoptekhizdat. Book 3. [Control and automation of the processes of well drilling, recovery, transportation, and storage of oil and gas] Kontrol' i avtomatizatsiia protsessov bureniia skvazhin, dobychi, transporta i khraneniia nefti i gaza. 1963. 551 p. (MIRA 16:7)

(Automation)

(Petroleum [illegible] and supplies)

PESKIN, G.L., inzh.

Device for measuring the rotating speed of a turbodrill. Trudy Giprcneftemasha.Nefteprom.delo no.1:63-82 '61. (MIRA 15:8)
(Turbodrills)

8(0), 11(4) SOV/112-59-2-3264

Translation from: Referativnyy zhurnal. Elektrotekhnika, 1959, Nr 2, p 149 (USSR)

AUTHOR: Ovsyannikov, B. A., Ostrovskiy, Yu. I., Peskin, G. L., and Eskin, M. G.

TITLE: Instrument for Measuring and Recording the Rpms of a Giproneftemash-Make Turbodrill (Pribor dlya izmereniya i registratsii skorosti vrashcheniya turbobura konstruktsii Giproneftemasha)

PERIODICAL: Novosti neft. tekhn. Neftepromysl. delo, 1957, Nr 8, pp 3-9

ABSTRACT: A teletachometer with a wire connecting link between the primary element and the oscillograph is described. A type DOT-3 AC tachometer generator is installed in the turbodrill adapter. The tachometer-generator rotor is coupled to the turbodrill shaft. The tachometer-generator frequency is converted into DC voltage which is subsequently amplified by two amplifiers. One amplifier feeds two series-connected oscillograph loops that record drilling conditions and dynamic process. The second amplifier feeds an

Card 1/2

Instrument for Measuring and Recording the Rpms of a Giproneftemash-Make . . .

electron potentiometer that indicates the rpm. A low-frequency generator is used for calibrating the system.

V.N.Ch.

Card 2/2

ACC NR: AP6015709 (A) SOURCE CODE: UR/0413/66/000/009/0113/0114

INVENTOR: Peskin, G. L.

ORG: None

TITLE: A unit for automatically steering a tractor along furrows. Class 45, No. 181414 [announced by the State Union Scientific Research Tractor Institute (Gosudarstvennyy soyuznyy nauchno-issledovatel'skiy traktornyy institut)]

SOURCE: Izobreteniya, promyshlennyye obraztsy, tovarnyye znaki, no. 9, 1966, 113-114

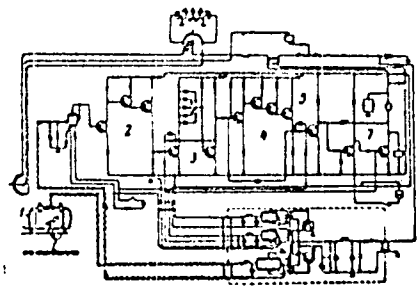
TOPIC TAGS: automatic control equipment, tractor

ABSTRACT: This Author's Certificate introduces: 1. A unit for automatically steering a tractor along furrows. This unit includes an electric contact type feeler, amplifier, sensing head and actuating mechanisms. Tractor movements are corrected for the case where a gap is encountered in the control furrow by connecting the amplifier output to a slave multivibrator, integrator and inverter connected in series. A prolonged signal from these units is transmitted to a noncontact electronic relay which is in turn connected to the sensing head. 2. A modification of this device in which the electrocontact feeler is longitudinally mounted. The length of the feeler is set equal to a predetermined minimum gap length.

UDC: 63:629.114.2-52

Card 1/2

ACC. NR: AP6015709



1—electrocontact feeler; 2—amplifier; 3—multivibrator; 4—integrator; 5—inverter; 6—sensing head; 7—noncontact electronic relay

SUB CODE: 09, 13/ SUBM DATE: 15Jun65

Card 2/2

L 9032-66 EWT(d)/EWT(m)/EWP(v)/T/EWP(k)/EWP(t)/EWP(h)/EWP(b)/EWP(l)/EWA(c)/ETC(m)
ACC NR: AP5024954 JD/WW/HW/DJ SOURCE CODE: UR/0286/65/000/016/0015/0015

AUTHORS: Siushev, S. Kh.; Romanov, V. V.; Peskin, L. D.

ORG: none

TITLE: Working stand of rolling mill. Class 7, No. 173689 [announced by All-Union Scientific Research and Design and Construction Institute of Metallurgical Machinery Construction (Vsesoyuznyy nauchno-issledovatel'skiy i proyektno-konstruktorskiy institut metallurgicheskogo mashinostroyeniya)]

SOURCE: Byulleten' izobreteniy i tovarnykh znakov, no. 16, 1965, 15

TOPIC TAGS: rolling mill, roller adjustment, roller control, METALLURGIC MACHINERY, METALWORKING MACHINE ACCESSORY

ABSTRACT: This Author Certificate presents a working stand of a rolling mill which includes an eccentric compression arrangement and rollers which are shaped for a general part configuration (see Fig. 1). To permit mounting of the rollers at an angle to each other for rolling of unsymmetrical profiles, the pressurizing sections on the left and right sides are made independent of each other but with synchronization of the lower and upper parts of the compression sections. To

Card 1/3 UDC: 621.771.25

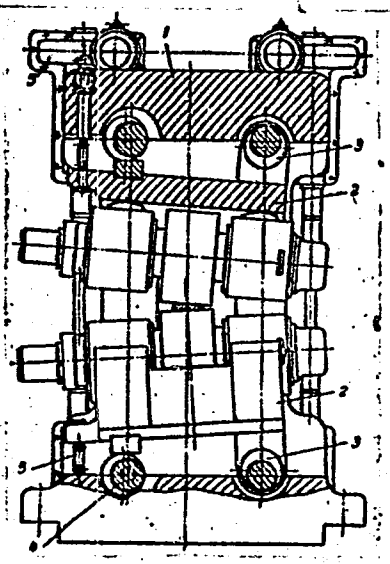


Fig. 1. 1 - Frame; 2 - common bearing; 3 and 4 - compression eccentrics; 5 - drives for eccentrics.

eliminate the need for axial control mechanisms, the upper and lower eccentrics of the compression sections on one side are enclosed in bearings which take both

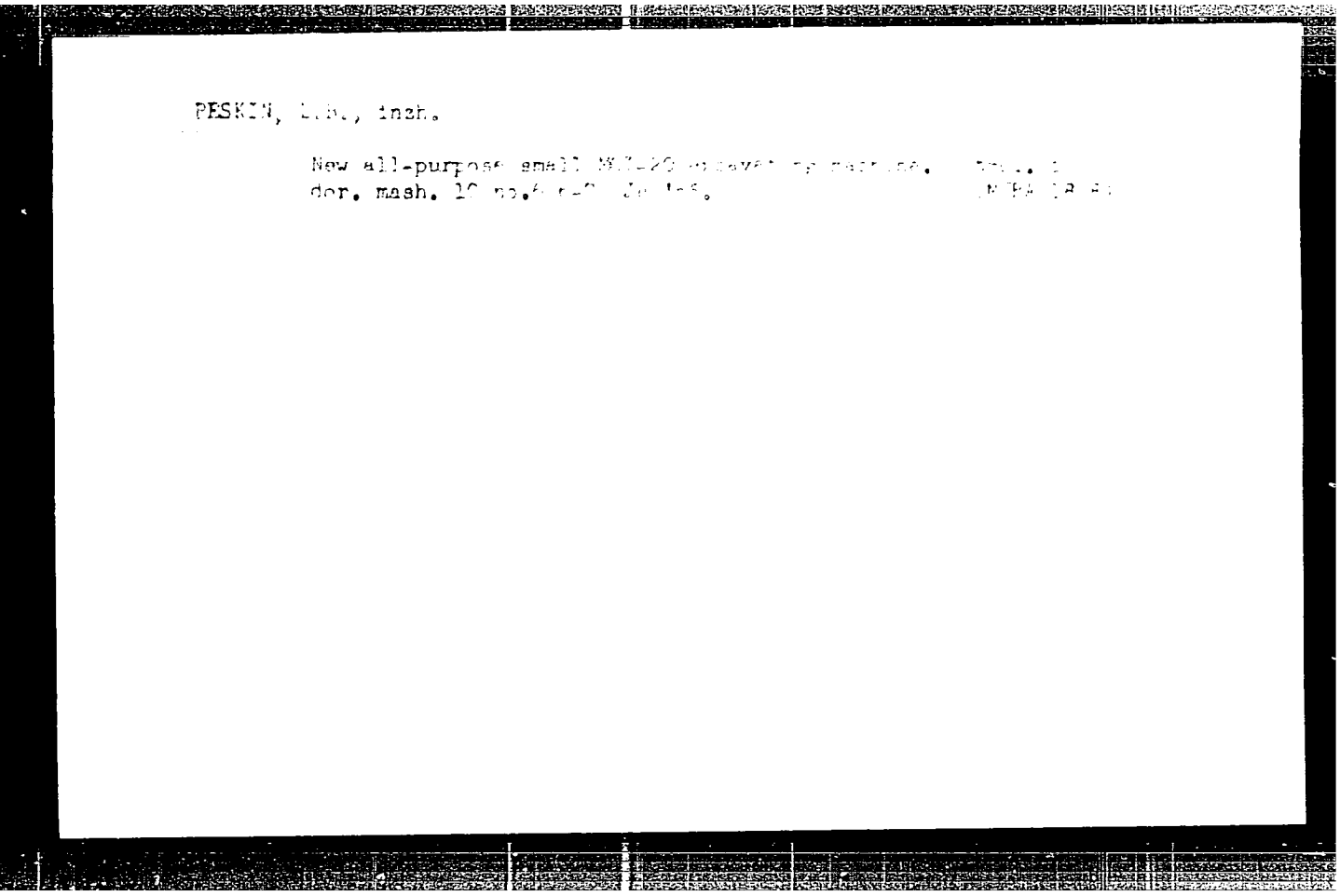
L 9032-66

ACC NR: AP5024954 O

axial and radial roller loads. Orig. art. has: 1 figure.

SUB CODE: 13/ SUBM DATE: 20Apr64

Card 3/3



PESKIN, L.N., inzh.

New all-purpose small [illegible] dor. mash. 10 no.4 [illegible]