NIRENBURG, V.L.; POSTOVSKIY, I.Ya.

Cyanoethylation of 1-phenyl-5-tetrazolinethione. Zhur. ob. khim.
34 no.10:3200-3203   O '64.   (MIRA 17:11)

1. Ural'skiy politekhnicheskiy institut imeni S.M. Kirova, Sverdlovsk.

TANASEYCHUK, B.S.; POSTOVSKIY, I.Ya.

Some polycyclic chalcone analogs. Zhur. org. Khim. 1 no. 7:1279-1282 Jl '65.

Ethylene derivatives of 1,2-benzanthracene. Ibid.:1274-1278
(MIRA 18:11)

1. Ural'skiy politekhnicheskiy institut imeni S.M. Kirova, g. Sverdlovsk.

ROSTOVSKIY, I.Ya.; TANASEYCHUK, B.S.

Some 1-N,N-bis(β-chloroethyl)-4-arylthiosemicarbazides. Zhur.
org. khim. 1 no.8:1515   Ag '65.   (MIRA 18:11)

1. Ural'skiy politekhnicheskiy institut imeni Kirova.

BEDNYAGINA, N.P.; POSTOVSKIY, I.Ye.

Hydrolytic cleavage of some heterocyclic sulfones. Part 6: Synthesis
and properties of p-nitrophenylsulfonyl-N-methylbenzimidazolyl-
methane and   nitrophenylsulfonylbenzothiazolylmethane.   Zhur.ob.khim.
30 :no.10:3193-3196 O '61.   (MIRA 14:4)

1. Ural'skiy politekhnicheskiy institut.
                         (Sulfone)

GRINBLAT, Ye.I., POSTOVSKIY, I.Ya.

Reactions involving additions of acetylenecarboxylic acids and
their esters. Part 2: Reactions with cyclic thioamides. Zhur.
ob. khim. 31 no.2:394-400 F '61.   (MIRA 14:2)

1. Ural'skiy politekhnicheskiy institut.
   (Acetylenedicarboxylic acid)   (Amides)   (Propiolic acid)

POSTOVSKIY, P. Ya.

Abstract   :   By alternatively introducing two different sulfaryl residues into 2-ami-
nothiazole (I) were prepared isomeric disulfamides; thus by reacting I
with p-chlorobanzene sulfochloride (II) and interacting the resulting
2-(p-chlorbenzenesulfamino)-thiazole (III) with acetylsulfanylchloride
(IV) was synthesized 2-(p-chlorobenzenesulfamido) 3-(acetylsulfanylyl)
-thiazolin-4 (V); and from 2-acetylsulfanylyl aminothiazole (VI) and
II was prepared 2-acetylsulfanylylamido-3-(p-chlorobenzenesulfonyl)
-thiazolin-4 (VII); analogously from 2-benzenesulfonyl aminothiazole
and IV was synthesized 2-(benzenesulfonylimido)-3-(acetylsulfanylyl)
-thiazolin-4 (VIII); and from VI and benzene sulfochloride -- 2-(acety-
lsulfanylylimido)-3-(benzenesulfanyl)-thiazolin-4 (IX). Structure of
V, VII, VIII and IX is established by their ammonolysis with 15% solu-
tion of NH_3 (4 hours, 70°), as a result of which were obtained,

Card 1/2

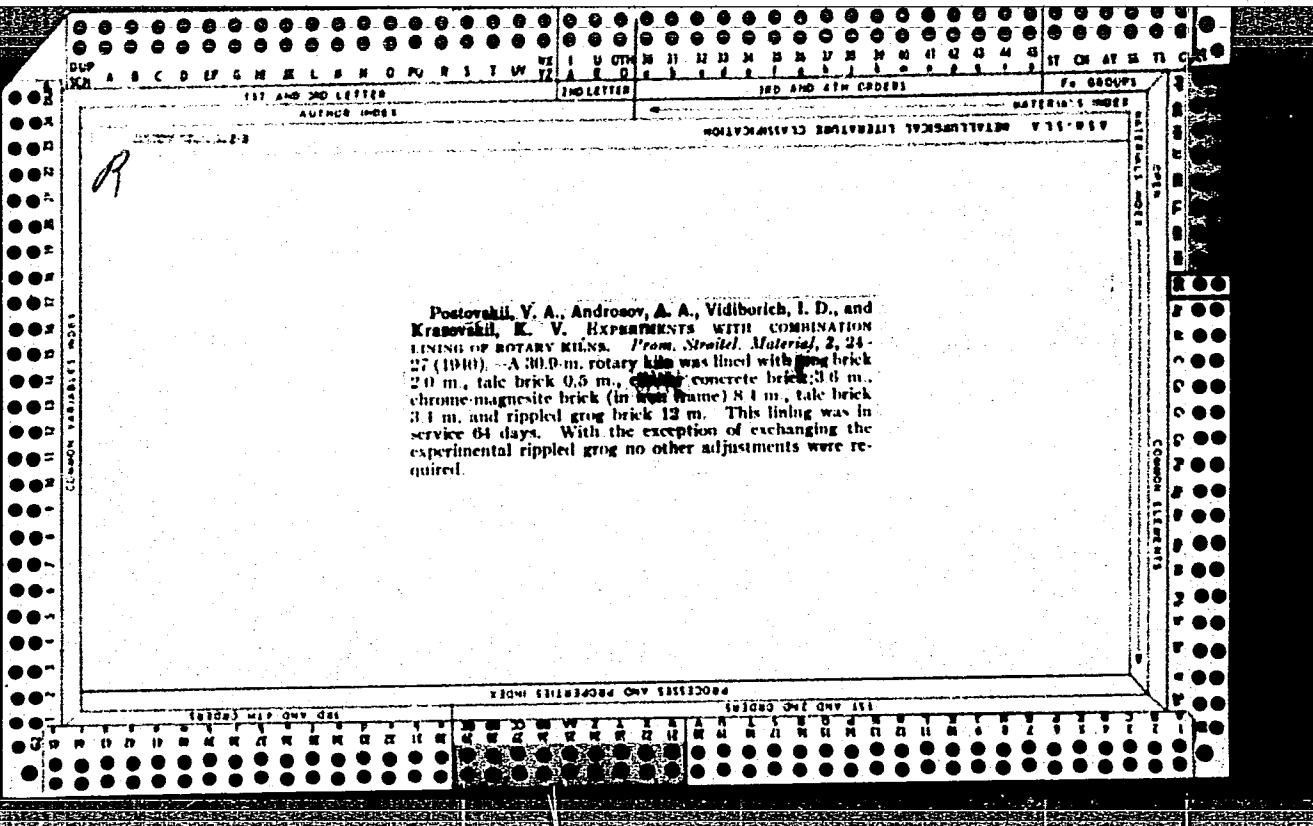POSTOVSKIY, V., inzh.; KHOKHLACHEV, B., inzh.

Using gas under high pressure. Stroi.mat. 3 no.7:26-27
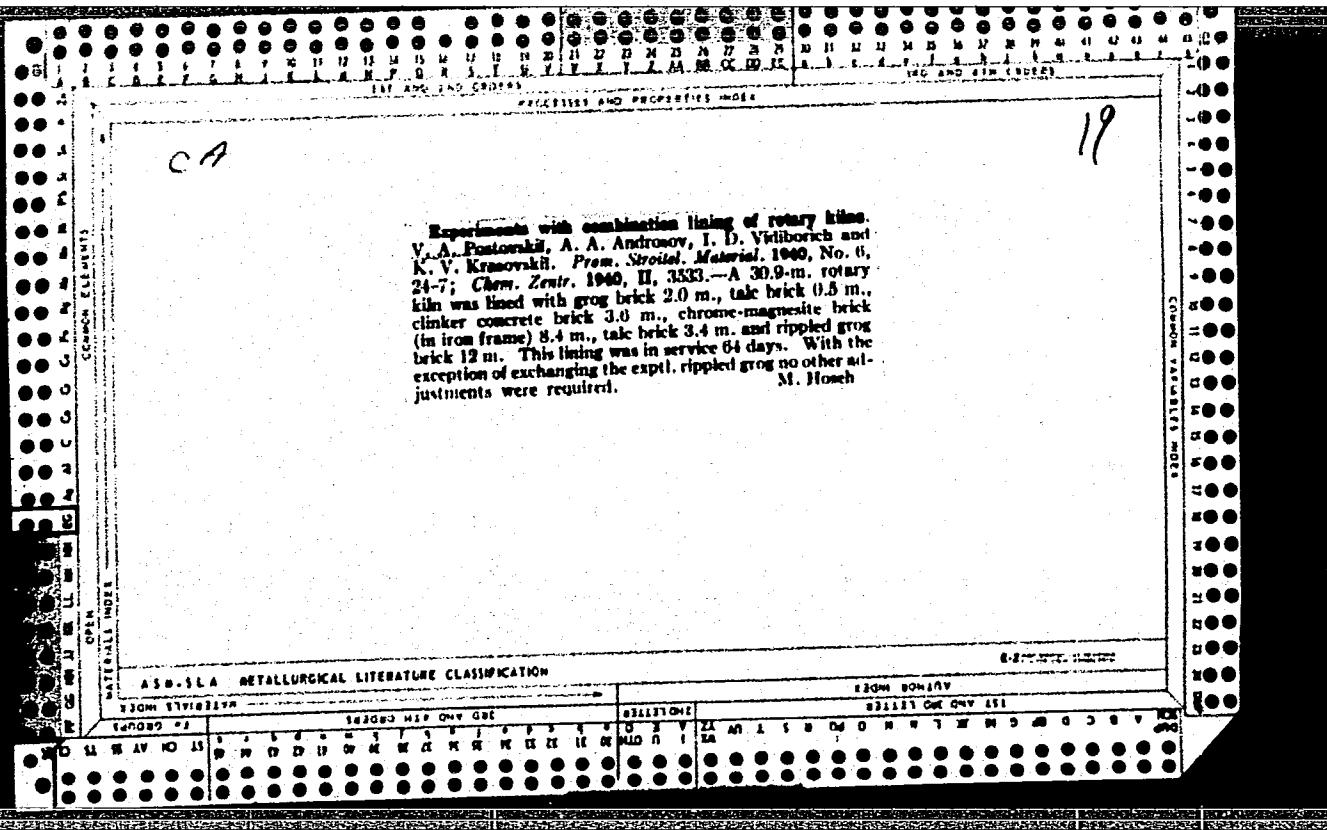Jl '57.   (MIRA 10:10)
          (Cement plants) (Drying apparatus)

Postovskii, V. A., Androsov, A. A., Vidiborich, I. D., and Krasovskii, K. V. Experiments with combination lining of rotary kilns. *Prom. Stroitel. Material*, 2, 24-27 (1940). --A 30.0-m. rotary kiln was lined with grog brick 2.0 m., talc brick 0.5 m., concrete brick 3.0 m., chrome-magnesite brick (in iron frame) 8.4 m., talc brick 3.4 m. and rippled grog brick 12 m. This lining was in service 64 days. With the exception of exchanging the experimental rippled grog no other adjustments were required.

POSTOVSKIY, V.A., inzhener; BRYNTSEV, B., inzhener.

Crusher for moist and viscous materials. TSement 22 no.5:28 S-O '56.
(MLRA 10:1)

1. Bryanskiy tsementnyy zavod.
(Bryansk—Cement industries) (Crushing machinery)

C A

19

Experiments with combination lining of rotary kilns.
V. A. Postornkii, A. A. Andronov, I. D. Vitliborich and
K. V. Krasovskii. *Prom. Stroitel. Material.* 1940, No. 6,
24-7; *Chem. Zentr.* 1940, II, 3533.—A 30.9-m. rotary
kiln was lined with grog brick 2.0 m., talc brick 0.5 m.,
clinker concrete brick 3.0 m., chrome-magnesite brick
(in iron frame) 8.4 m., talc brick 3.4 m. and rippled grog
brick 12 m. This lining was in service 64 days. With the
exception of exchanging the exptl. rippled grog no other ad-
justments were required.   M. Hosch

ASM-SLA METALLURGICAL LITERATURE CLASSIFICATION

ALAMPYEV, P. M., PREOBRAZHENSKII, V. S.,
POSTOVTSEV, M. I.

USSR (600)

Geography - Congresses

Brief Report. Izv. AN SSSR. Ser. geog no. 4, 1952.

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

POSTOVTSEV   S T.

НЕМЕТАЛЛИЧЕСКИЕ ВКЛЮЧЕНИЯ СТАЛИ

report submitted for the 5th Physical Chemical
Conference on Steel Production, Moscow-- 30 Jun 1959.

POSTOWSKIJ, I. J.

"Sur la reaction du dioxyde de sélenium avec quelques hydrazines."   (p. 37)
Postowskii, I. J., Lougowkine, B. P. et Mandrik, G. F.

SO: Journal of General Chemistry. (Zhurnal obshchei Khimii) 1937, Volume 7, No. 1.

ZENKIN, V.I.; POSTOY, V.A.; POPOVA, Z.I.; SAVIN, O.R.

Optinalizing controller for inertial processes. Biul.tekh.-ekon.
inform.Gos.nauch.-issl.inst.nauch.i tekh.inform. 18 no.1:36-37
Ja '65.   (MIRA 18:4)

ACC NR: AR6035231   SOURCE CODE: UR/0372/66/000/008/G017/G018

AUTHOR: Zenkin, V. I.; Savin, O. R.; Chertkov, I. Ya.; Postoy, V. A.

TITLE: Designing a computer of an extremal regulator for heat processes

SOURCE: Ref. zh. Kibernetika, Abs. 8G107

REF SOURCE: Pribory i ustroystva sredstv avtomatiki i telemekhan. Resp. mezhved. nauchno-tekhn. sb., vyp. 1, 1965, 99-108

TOPIC TAGS: heat regulation, computer, extremal heat regulator

ABSTRACT: Systems of extremal regulation are investigated which consist of: 1) a nonlinear inertialess element whose input value x (regulating action) and output value y (static value of extremum—EV) are coupled by the equation

$$y = F[x, a(t), b(t), \ldots, e(t)],$$

where a(t), b(t),......, e(t) are the variable parameters which determine the extremum static characteristic; 2) a linear element whose input value y and output

Card 1/3   UDC: 62-506

ACC NR.· AR6035231

value θ (current value of EV) are coupled by the differential equation

$$a_n \frac{d^n \theta}{dt^n} + \dots + a_1 \frac{d\theta}{dt} + \theta = k_0 y;$$

3) a pickup unit for measuring the current value of EV; and 4) a step-type extremal
regulator. To decrease the influence of linear element inertia, a static value of
EV is introduced in the logic element of the extremal regulator, i. e., a regulation
law is constructed in the form

$$\Delta x_{n+1} = \alpha \, \text{sign} \, \Delta y_n \, \text{sign} \, \Delta x_n,$$

where Δy_n is the increment of the value of EV. For the case when transients in
the linear part of the object of regulation and in the pickup unit are described by
differential equations of the first order, an algorithm of the operation of the
extremal regulator computer is derived. It is shown that the value of sign Δy_n
required for realizing the regulation law can be calculated on the basis of signal
increments at the pickup output. A computer circuit which uses summing trans-
formers with a phase-sensitive amplifier is described. To improve the noise
immunity of the extremal regulation system, it is necessary to calculate the
increment of EV on the basis of the increments of the signal from the pickup which

Card 2/3

SHCHERBAKOV, O.A.; GARAN', I.M.; POSTOYALKO, M.V.; BURYLOVA, R.V.;
    VOSHCHAKIN, M.A.; PIROZHKOVA, Z.A.

Stratigraphy of the boundary layers of the Tournai and Visé
stage in the Central Urals. New data based on the profile in
the railway groove between the Upper and Lower Gubakha. Dokl.
AN SSSR 158 no.1:112-115   S-O' 64   (MIRA 17:8)

1. Predstavleno akademikom D.V. Nalivkinym.

POSTOYALKOV, K. D., Cand Agr Sci -- (diss) "Effectiveness of fertilizers
in crop rotation on the non-irrigated lands of Central Kazakhstan." Alma-
Ata, 1958. 20 pp (Min of Agriculture KaSSR), 110 copies (KL, 16-58, 122)

-87-

POSTOYAN, M.S. (Yessentuki)

Practical solution of problems in the correct dosimetry and economical use of AKR-7 plastic in preparing bases in dental prosthesis laboratories. Stomatologiia 38 no.2:60-61 Ap '59.   (MIRA 12:7)
            (DENTAL PROSTHESIS) (PLASTICS)

YESAYAN, G.T.; GALOYAN, G.A.; BABAYAN, A.A.; POSTOYAN, N.R.

Interaction of sulfochlrides with dimedon. Dokl. AN Arm. SSR 38
no.5:301-304 '64.

(MIRA 17:6)

1. Institut organicheskoy khimii AN Armyanskoy SSR. Predstavleno
akademikom AN Armyanskoy SSR V.I.Isagul'yantsem.

BOYADZHYAN, G.K.: POSTOYAN, S.R.

Survival of the foot-and-mouth disease virus in the tick Ornithodorus lahorensis Neum, 1908. Izv. AN Arm. SSR. Biol. nauki 18 no.7:87-91 Jl '65.

(MIRA 18:8)

1. Armyanskiy institut zhivotnovodstva i veterinarii.

L 2019-66   EWT(1)/EWA(j)/EWA(b)-2   JK
ACCESSION NR: AP5021804

AUTHOR: Boyadzhyan, G. K.; Postoyan, S. R.

UR/0298/65/018/007/0087/0091

TITLE: Survival of aphthous stomatitis virus in Ornithodorus lahorensis neum 1908 ticks. Second report: Natural infection of ticks

SOURCE: AN ArmSSR. Izvestiya. Seriya biologicheskikh nauk, v. 18, no. 7, 1965, 87-91

TOPIC TAGS: experiment animal, virus, virus disease, animal disease, animal husbandry

ABSTRACT: An earlier investigation established that aphthous stomatitis virus survives in the hemolymph of Ornithodorus lahorensis ticks for 32 days following experimental infection. The present study investigated possible transmission of aphthous stomatitis virus from infected animals to bloodsucking O. lahorensis ticks and the length of virus survival in the tick organism. In two series of experiments, sexually mature O. lahorensis ticks were fed on infected guinea pigs or white mice. Alimentary tract contents and hemolymph

Card 1/2

L 2019-66

ACCESSION NR: AP5021804

of ticks were investigated at regular periods from 1 to 68 days to determine presence of the virus carrier state. The alimentary tract contents of ticks fed on infected guinea pigs gave positive results on the 5th, 7th, 20th, and 30th days. The alimentary tract contents of ticks fed on infected white mice also were positive from the 5th to the 68th days. Hemolymph investigations of ticks fed on infected guinea pigs and mice produced negative results in all cases. The authors conclude that aphthous stomatitis virus is transmitted from infected animals to the bloodsucking O. lahorensis ticks with the virus surviving in the alimentary tract from 30 to 68 days. In contrast to experimental infection of ticks, the virus does not pass from the alimentary tract to the hemolymph in the case of natural infection. Orig. art. has: 1 table.

ASSOCIATION: Armyanskiy institut zhivotnovodstva i veterinarii (Armenian Institute of Animal Husbandry and Veterinary)

SUBMITTED: 20Jan65   ENCL: 00

NR REF SOV: 001   OTHER: 000   SUB CODE: LS

Card 2/2

KOSTOYAN, S.R.

Occurrence of ticks of the genus Argas of the "reflexus" group in the Armenian S.S.R. Izv. AN Arm. SSR. Biol. nauki 15 no.12:89-92 D'62.

(MIRA 17:8)

1. Protozoolog' cheskaya laboratoriya Instituta zhivotnovodstva i veterinarii Arm SSR.

POSTOYAN, S.R.

New foci of tick-borne relapsing fever in the Armenian S.S.R.
Izv. AN Arm.SSR. Biol. nauki 16 no.10:77-85 O'63 (MIRA 16:12)

1. Protozoologicheskaya laboratoriya Instituta zhivotnovodstva
i veterinarii ArmSSR.

L 27846-65   EWT(1)/EWA(b)/T/ BW/JK
ACCESSION NR: AP5007515   S/0298/64/017/008/0047/0051   13
                                                                              12
AUTHOR: Boyadzhyan, G. K.; Postoyan, S. R.   B

TITLE: Survival of foot-and-mouth disease virus in the tick ornithodoros lahorensis
neum. 1908. Report I. Artificial infection of ticks

SOURCE: AN ArmSSR. Izvestiya. Biologicheskiye nauki, v. 17, no. 8, 1964, 47-51

TOPIC TAGS: foot and mouth disease

Abstract: O. lahorensis ticks were artificially infected with a culture
strain of Type O foot-and-mouth disease virus. The virus was introduced
directly into the body cavity of the ticks. After 28-32 days the virus had
survived and had almost maintained its initial virulence. The specific
effect of the virus on tissue cultures was not observed after it had remained
in the ticks 38-48 days. The virulence of the virus declines gradually:
after 7 days there is almost no decrease; after 15-20 days it has weakened
considerably; after 28-32 days it is strong again; and then after 38-48 days
it disappears completely. Orig. art. has 1 table.

ASSOCIATION: Laboratoriya virusologii i protozoologii Armyanskogo instituta
zhivotnovodstva i veterinarii (Laboratory of Virology and Protozoology, Armenian

Card 1/2

L-27846-65
ACCESSION NR: AP5007515   /

Institute of Livestock Raising and Veterinary Science)

SUBMITTED: 17Aug63   ENCL: 00   SUB CODE: LS

NO REF SOV: 002   OTHER: 000   JPRS

Card   2/2

L 1266-66   EWT(d)/T   IJP(c)

ACCESSION NR: AR5008452   UR/0271/65/000/002/B008/B008
                                      518.5:681.142.32.001
SOURCE: Ref. zh. Avtomatika, telemekhanika i vychislitel'naya tekhnika.
Svodnyy tom, Abs. 2B48

AUTHOR: Postoyenko, Yu. K.

TITLE: Algorithms for computation of the correlation-function estimator

CITED SOURCE: Nauchn. tr. Sib. fil. Vses. n.-i. in-ta mekhaniz. s. kh,
vyp. 2, 1964, 89-100

TOPIC TAGS: correlation function, correlation function estimation

TRANSLATION: A classification is suggested of algorithms intended for
computation of time-correlation-function estimators on the basis of:
(1) amplitude presentation of the source random processes; (2) time presentation
of amplitude or polar data; (3) time-averaging method. Shortcomings of the
algorithm are listed; the formulas for evaluating its statistical error are supplied.
A block diagram of an amplitude continuous dynamic correlator is considered, and
formulas are presented for the calculations involved. Formulas are given for

Card 1/2

L 1266-66

ACCESSION NR: AR5008452

determining the calculation time and the correlation-function statistical error. The advantages and disadvantages of this method are listed. Formulas are supplied for calculations on the basis of amplitude sampling step algorithm and also for determining the total time of computation and the statistical error of the method; a block diagram of the above correlator is shown. The long computation time in the case when the required delay exceeds the correlation time of the source process is a disadvantage of the sampling algorithm. A block diagram of a polar correlator and a polar sampling step correlator are presented. Some information is given on the algorithm intended for computing the normalized correlation-function estimator. Bibl. 24, figs. 7.

SUB CODE: MA, DP   ENCL: 00

Card 2/2

POSTOYEV, I.I.

Development and importance of the technology of maximum
prefabication of ship sections. Trudy LKI no.36:29-37 '62.
                                                    (MIRA 16:12)

1. Kafedra tekhnologii sudostroyeniya Leningradskogo korable-
stroitelnogo instituta.

FOSTOYEV, I. M.

Izgotovienie burov i ikh remont s primeneniem kontaktnoi svarki /Manufacture of borers and their repair by contact welding/. Sverdlovsk, Metallurgizdat, 1953. 102 p.

SO: Monthly List of Russian Accessions, Vol. 6 No. 5, August 1953

POSTOYEV, I. M.

PHASE I   TREASURE ISLAND BIBLIOGRAPHICAL REPORT   AID 551 - I

BOOK
                                            Call No.: AF639674
  Authors: POSTOYEV, I. M. and RAZIKOV, M. I.
  Full Title: MANUFACTURE AND REPAIR OF DRILLS BY MEANS OF RESISTANCE
         WELDING
  Transliterated Title: Izgotovleniye burov i ikh remont s primeneniyem
         kontaktnoy svarki
PUBLISHING DATA
  Originating Agency: None
  Publishing House: State Scientific and Technical Publishing House of
    Literature on Ferrous and Nonferrous Metallurgy (Metallurgizdat)
  Date: 1953   No. pp.: 107   No. of copies: 4,000
  Editorial Staff
    Appraisers: Akhun, A. I., Dotsent, Kand. of Tech. Sci., Churin, V. A.,
        Eng., Belov, A. I., Eng.
PURPOSE: The book is intended for middle ranking technicians' and highly-
   skilled workers in drill-manufacturing shops.
TEXT DATA
  Coverage: This book discusses the experience of Ural mines in the manu-
    facture of drills, reinforced by hard-alloy layers, with detachable
    boring bits. Resistance butt welding and electric heating used for
    the manufacture and repair of drills are examined. The book contains

1/2

Izgotovleniye burov i ikh remont s primeneniyem kontaktnoy   AID 551 - I
svarki

data on the equipment of drill-sharpening workshops and welding plants,
on the selection, installation, adjusting, maintenance and operation
of welding machines, and on the choice os welding methods. The pro-
cessing of welded butt joints after welding, their defects, the en-
durance testing of welded drills and safety measures are described.
The book is provided with illustrations, tables and diagrams.
No. of References: 17 Russian (1934-1951).
Facilities: Ural Polytechnic Institute im. Kirov, Department of
Technology and Welding Equipment, V. N. Bakul', M. M. Kravtsov,
A. I. Belov, V. A. Churin, G. V. Cherepanov.

POSTOYEV, I.M.

PHASE I   TREASURE ISLAND BIBLIOGRAPHICAL REPORT   AID 551 - I

BOOK

Authors: POSTOYEV, I. M. and RAZIKOV, M. I.   Call No.: AF639674
Full Title: MANUFACTURE AND REPAIR OF DRILLS BY MEANS OF RESISTANCE
             WELDING
Transliterated Title: Izgotovleniye burov i ikh remont s primeneniyem
                       kontaktnoy svarki

PUBLISHING DATA
Originating Agency: None
Publishing House: State Scientific and Technical Publishing House of
  Literature on Ferrous and Nonferrous Metallurgy (Metallurgizdat)
Date: 1953   No. pp.: 107   No. of copies: 4,000
Editorial Staff
  Appraisers: Akhun, A. I., Dotsent, Kand. of Tech. Sci., Churin, V. A.,
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1/2

Izgotovleniye burov i ikh remont s primeneniyem kontaktnoy   AID 551 - I
,svarki

data on the equipment of drill-sharpening workshops and welding plants,
on the selection, installation, adjusting, maintenance and operation
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durance testing of welded drills and safety measures are described.
The book is provided with illustrations, tables and diagrams.
No. of References: 17 Russian (1934-1951).
Facilities: Ural Polytechnic Institute im. Kirov, Department of
Technology and Welding Equipment, V. N. Bakul', M. M. Kravtsov,
A. I. Belov, V. A. Churin, G. V. Cherepanov.

2/2

POSTOYEV, I.M.; RAZIKOV, M.I.

[Manufacture and repair of drill bits by the use of butt welding] Izgotovle-
nie burov i ikh remont s primeneniem kontaktnoi svarki. Sverdlovsk, Gos.
nauchno-tekhn. izd-vo lit-ry po chernoi i tsvetnoi metallurgii, 1953. 106 p.
(MLRA 6:10)
(Electric welding) (Boring machinery)

POSTOYEV, K. I.; BEZRUKOV, G. N.

Discovery of brachiopod and crinoidal remains in talc-chloritic
rocks in the Southern Urals. Izv. AN SSSR. Ser. geol. 26 no.5:
92-95 My '61.   (MIRA 14:5)

1. Institut geologii rudnykh mestorozhdeniy petrografii, mineralogii
i geokhimii AN SSSR, Moskva.
          (Ural Mountains—Brachiopoda, Fossil)
          (Ural Mountains—Crinoidea, Fossil)

SHABLIOVSKIY, V.V., kand.sel'skokhoz.nauk; POSTOYEV, K.M., mladshiy
        nauchnyy sotrudnik

    In the Far East. Zashch. rast. ot vred. i bol. 4 no.5:8-9 S-O
    '59.   (MIRA 16:1)
        (Soviet Far East—Spraying and dusting in agriculture)

1. POSTOYEV, M.

2. USSR (600)

4. Forests and Forestry

7. Unsuccessful book on the Tellermanovskiy forest ("Tellermanovskiy forest." Les i step.
   4 no. 10 1952.

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

S/044/62/000/008/007/073
C111/C333

AUTHORS: Postoyev, V. S., Mikheyev, V. I.

TITLE: The tension state of a torus shaped shell under the
             influence of hydrostatic pressure

PERIODICAL: Referativnyy zhurnal, Matematika, no. 8, 1962, 33-34,
             abstract 8B149. ("Tr. Vses. zaochn. lesotekhn. in-ta",
             1961, no. 7, 125-137)

TEXT: Examined is the calculation of a torus shaped shell in the
general case, where the boundary conditions are given more exact than
usual. The method of asymptotic integration is used to solve the
equation for the symmetrical deformation of such a shell; the calcu-
lation formulas are obtained relatively easy by this method.

[Abstracter's note: Complete translation.]

Card 1/1

POSTOYEV, V.S., kand. tekhn. nauk

Conference on problems of strength of hydraulic turbines.
Energomashinostroenie 10 no.10:37 O '64   (MIRA 18:2)

S/124/63/000/002/024/052
D234/D308

AUTHORS: Postoyev, V.S. and Mikheyev, V.I.

TITLE: Stressed state in a toroidal shell subjected to hydrostatic pressure

PERIODICAL: Referativnyy zhurnal, Mekhanika, no. 2, 1963, 8, abstract 2V49 (Tr. Vses. zeochn. lesotekhn. in-ta, no. 7, 1961, 125-137)

TEXT: The authors consider the stressed state in a toroidal shell subjected to hydrostatic pressure. It is described by the differential equation

$$\Psi'' + i \frac{2k^2 \sin\theta}{1 + \bar{\alpha}\sin\theta} \Psi = - \frac{2k^2 ap}{E\delta} \frac{\tilde{A}\cos\theta}{(1 + \bar{\alpha}\sin\theta)^{3/2}} \qquad (1)$$

$$\tilde{A} = A_r + iA_i, \quad A_r = -\frac{2k^2 A}{pR}, \quad A_t = -\frac{\bar{\alpha}}{2}\left(1 - \frac{2A}{pR}\right)$$

A is a constant determined by the axial force Q at the edge of the
Card 1/2

Stressed state ...

S/124/63/000/002/024/052
D234/D308

shell, ψ is the resolvent function of the stressed state, p the hydrostatic pressure, $\bar{\alpha}$ the excentricity of the tore, δ the shell thickness, R the mean radius of the section. The homogeneous equation

$$\psi'' + i \frac{2k^2 \sin \theta}{1 + \bar{\alpha} \sin \theta} \psi = 0 \qquad (2)$$

describes the state of the edge effect. The complex equation (2) is split into a system of two real equations with respect to ψ_r and ψ_i ($\psi = \psi_r + i\psi_i$). Eliminating ψ_r, the authors obtain a differential equation of the fourth order with variable coefficients, which is difficult to solve. Several assumptions are made in order to simplify the solution; it is assumed that the edge effect for a toroidal shell spreads to a very narrow region near the edge. The simplifications yield an equation of the fourth order with constant coefficients. A particular solution of (1) is represented in asymptotic form. Boundary conditions are considered for the case of a clamped edge.

$\sqrt{}$ Abstracter's note: Complete translation $\sqrt{}$

Card 2/2

ARONSON, A.Ya., kand. tekhn. nauk; BUGOV, A.U., kand. tekhn
nauk; MALYSHEV, V.M.; kand. tekhn. nauk; SKRYLEV, I.A.,
inzh.; FRANK-KAMENETSKII, G.Kh., kand. tekhn. nauk;
POSTOYEV, V.S., kand. tekhn. nauk, retsenzent; ORGO, V.M.,
kand. tekhn. nauk, red.

[Strength calculation of the parts of hydraulic turbines]
Raschet na prochnost' detalei gidroturbin. Moskva, Mashino-
stroenie, 1965. 391 p.   (MIRA 18:10)

POSTOYEVA, M.Ye.; URAZOVSKIY, S.S. [deceased]; KARPUKHIN, P.P.

Effect of ultraviolet rays on some properties of polyacrylonitrile fibers and films. Khim. volok. no.4:66-68 '65.   (MIRA 18:8)

1. Khar'kovskiy politekhnicheskiy institut.

S/112/59/000/013/041/067
A002/A001

Translation from: Referativnyy zhurnal, Elektrotekhnika, 1959, No. 13, pp.
172 - 173, # 27449

AUTHOR: Postoyeva, N.I.

TITLE: On the Approximation of Functions in the Light of Contemporary
               Computer Engineering

PERIODICAL: Izv. Leningr. elektrotekhn. in-ta, 1958, No. 35, pp. 222-230

TEXT: The known formulae of function development into series by poly-
nomials of Chebyshev and Legendre are given, as well as formulae for calculating
the corrosponding coefficients of development. Numerical values of the coef-
ficients of development by Chebyshev and Legendre polynomials for some elemen-
tary functions are given in an appendix. Reviewer's note: The paper was sub-
mitted to the editorial board in 1954 and does not reflect the contemporary
state of the problem on the methods of representing functions for the computers.
There are 7 references.   E.A.G.

Translator's note: This is the full translation of the original Russian
                   abstract.
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S/043/61/000/001/005/010
C111/C222

16.7600

AUTHOR: Postoyeva, N.I.

TITLE: On the problem of relative stationary incompressible viscous
            fluid motion

PERIODICAL: Leningrad. Universitet. Vestnik. Seriya matematiki, mekhaniki
            i astronomii, no.1, 1961, 89-101

TEXT: J.Leray (Ref.2: Etude de diverses équations integrales non
linéaires et de quelques problèmes que pose l'Hydrodynamique. J.math.
pures et appliquées, 12, pp.12-82, 1933) investigated the integration
of the system

$$\Delta \vec{u} - \text{grad } p = \sum_{k=1}^{3} u_k \frac{\partial \vec{u}}{\partial x_k} + \vec{f} + B\vec{u}, \qquad (1')$$

$$\text{div } \vec{u} = 0, \qquad (2')$$

where B is a constant asymmetric tensor) which describes the motion of
a tenacious incompressible fluid in a system rotating uniformly around
a fixed axis, and which besides removes with a constant velocity in the
direction of the axis. The smoothness of f and the boundary S of the
considered region was assumed.
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On the problem of relative...

O.A.Ladyzhenskaya (Ref.1: Issledovaniye uravneniy Nav'ye Stoksa v
sluchaye statsionarnogo dvizheniya vyazkoy neszhimayemoy zhidkosti
[An investigation of the equations of Navier-Stokes in the case of a
stationary motion of a tenacious incompressible fluid] UMN, no.3,1959)
proved the solvability of the problem in the large for the case $B \leq 0$
for S and $\vec{f}$ being not smooth.
The author shows that the method of (Ref.1) can also be used for the
proof of the existence of a solution of (1')-(2') with $B \neq 0$ for
arbitrary Reynolds numbers and unsmooth $\vec{f}$ and S. Here the motion is
investigated in a region Ω of the three-dimensional space. The boundary
- S of Ω is assumed to be immovable and it is demanded that

$$\vec{u}\big|_S = 0. \tag{4}$$

In the set M of all finite in Ω continuously differentiable solenoidal
vectors $\vec{u}(x)$ the author introduces the scalar product

$$(\vec{u},\vec{v}) = \int_\Omega \vec{u}_{x_k} \vec{v}_{x_k} dx = \int_\Omega u_{1x_k} v_{1x_k} dx. \tag{5}$$

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On the problem of relative...

The completing of M with respect to the norm $\| \ \|_H$ which corresponds to (5) yields the complete Hilbert space $H(\Omega)$. A function $\vec{u}(x)$ belonging to H and satisfying

$$\int_\Omega \vec{u}_{x_k} \vec{\phi}_{x_k} dx - \int_\Omega u_k \vec{u} \vec{\phi}_{x_k} dx + \int_\Omega B\vec{u} \vec{\phi} dx = -\int_\Omega \vec{f} \vec{\phi} dx \qquad (8)$$

for every $\vec{\phi}$ of M is called a generalized solution of $(1')-(2')$ of the class H. It is shown:
For every $\vec{f}(x)$ for which $\int_\Omega \vec{f}(x) \vec{\phi} dx$ is a linear functional over $\vec{\phi}$ in H the problem

$$\left. \begin{array}{l} \Delta \vec{u} - B\vec{u} - \text{grad } p = \vec{f}, \\ \text{div } \vec{u} = 0, \ \vec{u}\big|_S = 0 \end{array} \right\} \qquad (9)$$

has a unique generalized solution of H.
After the linearized problem the author investigates the nonlinear problem for the bounded region and homogeneous boundary conditions; the existence of the solution is shown according to Leray-Schauder.
Then for a finite Ω the author considers the problem $(1')-(2')$ and

$$\vec{u}\big|_S = \vec{\alpha}\big|_S , \qquad (14)$$

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On the problem of relative...

where $\vec{\alpha}$ is the limit value of the vector $\vec{\alpha}(x) = \text{rot } \vec{b}(x)$, $\vec{b}(x) \in W_2^2(\Omega)$.
A function $\vec{u}$ satisfying (8) for every $\vec{\phi}$ of M and for which $\vec{v} = \vec{u} - \vec{\alpha} \in H$
is called a generalized solution. The existence of the solution of (1'),
(2'),(14) is proved; for $\vec{f}$ there hold the same assumptions as above.
Finally the author investigates the case of an infinite region Ω, where
the problem (1'),(2') and

$$\vec{u}|_s = 0, \quad \vec{u}(x) - \vec{a}(x) \rightarrow 0 \text{ for } x \rightarrow \infty \qquad (16)$$

is considered. It is assumed that 1) the field of $\vec{a}$ satisfies the
homogeneous system of Navier-Stokes; 2) $\vec{Ba}(x) = \text{grad } a(x)$, where $a(x)$
is a polynomial of second degree with respect to the coordinates;
3) $a_{1x_k} + a_{kx_i} = 0$; 4) $\vec{a}(x) = \text{rot } \vec{b}(x)$, where $\vec{b}(x)$ together with its

three first derivatives is quadratically summable with respect to x
in the neighborhood of S. Let $\zeta(x)$ be a smooth function vanishing on S
and equalling 1 for large x. Let $\vec{\beta}(x) = \text{rot } \{\vec{b}(x) \zeta(x)\}$. A $\vec{u}$ which
satisfies (8) for every $\vec{\phi}$ of M and for which $\vec{v} = \vec{u} - \vec{\beta}(x)$ belongs to H
is called a generalized solution of (1')(2'),(16). The existence of the

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On the problem of relative...

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generalized solution of (1'),(2'),(16) is proved.
There is 1 Soviet-bloc and 1 non-Soviet-bloc reference.

Card 5/5

POSTC___V_., _.I.

     Relative st_tion__ motio_ _ _ _ _ _ _ _ incompressible fl_id.
     Vest. LGU 16 no. _:'(-1_1 '_.   (_I__ 14:2)
       (Functio_al _l__is)   (__r_d__n_mics)

POSTOYEVA, N. I.

O Razlozhenii Funktsii Kompleksnogo Peremennogo Po Polinomam, Matem. S3, 4 (46), (1938), 549-560.

SO: Mathematics in the USSR, 1917-1947
        edited by Kurosh, A. G.,
        Markushevich, A. I.,
        Rashevskiy, P.K.
    Moscow - Lemingrad, 1948

SIMIRENKO, Lev Platonovich [deceased]; SHEPEL'SKIY, A.I., kand. sel'-
khoz. nauk, glav. red.; KOVTUN, I.M., kand. sel'khoz. nauk,
zam. glav. red.; POSTYUK, A.V., zam. glav. red.; RODIONOV, A.P.,
doktor biol. nauk, zam. glav. red.; DEM'YANETS, Ye.F., starshiy
nauchnyy sotr., red. toma; LISOVENKO, L.T., kand. biol. nauk,
nauchnyy sotr., red. toma; NIKONENKO, M.N., kand. biol. nauk,
red. toma; POSTOYUK, A.V., red.; DEREVYANKO, G.S., tekhn. red.

[Pomology in three volumes; apple, pear, stone fruits] Pomologiia
v trekh tomakh; iablonia, grusha, kostochkovye porody. Kiev,
Izd-vo Ukrainskoi Akad. sel'khoz. nauk. Vol.1. [Apple] IAblonia.
1961. 578 p.   (MIRA 15:2)

1. Ukrainskiy nauchno-issledovatel'skiy institut sadovodstva
(for Dem'yanets, Lisovenko).
                         (Apple--Varieties)

MARESOVA, Z.; POSTRANECKA, M.

Relation of bilirubin to suppurative diseases. Cesk. gastroent. 16
no.2:110-113 Mr '62.

1. III. int. klinika KU v Praze, prednosta akademik Josef Charvat
Interni nemocnice Na Slupi v Praze.
         (BILIRUBIN)   (ANTI INFECTIVE AGENTS)   (SKIN ULCER)

POSTRANECKY, J.

551.594.2:016:551.515.4:621.316.98(02)

9.9-7

†Rihánek, Ladislav V. and Postranecký, Josef, Bouřky a ochrana před bleskem. [Thunderstorms and lightning protection.] Prague, Ceskoslovenská Akademie Věd, 1957. 507 p. numerous figs., 5 charts fold., refs., bibliog. p. 473–478. Review (in Czech) by I. Podzimek in *Meteorologické Zprávy*, 11(2):52–53, 1958.—In this thorough monograph, problems of thunderstorm electricity and lightning protection are treated in a general and an applied section. The general section includes a brief discussion of atmospheric structure and circulation and a thorough review of theories and knowledge on atmospheric ionization, electrical fields in the atmosphere, the formation of convective clouds, thundercloud electrification, classification of thunderstorms, thunderstorm distribution over the globe and in Czechoslovakia (map, tables, graphs), the structure and mechanism of various types of lightning strokes, electrical currents induced by lightning and their measurement, grounding under various soil conditions, etc. A survey is also made of thunderstorm and lightning research in various countries (p. 147–205) including the U.S.S.R., Sweden, Switzerland, U. S., Great Britain, Germany and Czechoslovakia. An extensive chapter on instruments and techniques (p. 205–294) concludes the general section. The whole section is profusely illustrated with explanatory diagrams, photographs of lightning and of instruments, block diagrams, sample records, etc. (illustrations are, to a large extent, reproduced from foreign literature). The second (applied) section was written for lightning rod designers and inspectors. It contains excerpts from the Czechoslovak official specifications for the protection requirements of different objects, and detailed review and comparison of the Soviet, American, British, Polish, Swiss, South African, Swedish, Dutch and German specifications. Numerous examples of lightning rod design for various structures are given in diagrams and photographs. Added features which contribute to the interest of the book are: a historical summary from FRANKLIN, LOMONOSOV and Drviš (first grounded lightning rod, 1754) to the present; a bibliography of Czechoslovak and foreign literature (some 450 items listed by author, title and source) which supplements the lists of references given at the end of each chapter; a polyglot dictionary (Czech-Russian-English-French-German) of over 600 meteorological and electrical terms; a list of symbols, abbreviations and units; a short glossary of technical and engineering terms.

9
1-SR

Rihanek, Ladislav V. and Postranecky, Josef

(in Czech); and a subject index. By combining scientific and technological aspects in con-
siderable detail, the authors of this book made an original and valuable contribution to the
field of thunderstorm research and lightning protection. *Subject Headings:* 1. Thunderstorm
electricity textbooks 2. Thunderstorm electricity bibliographies 3. Lightning rod design
4. Polyglot dictionaries 5. Czech language 6. Czechoslovakia.—G.T.

POSTRANECKY, J.

Electrification of railroads by gas turbine electric traction. p. 420.
(Elektrotechnicky Obzor, Vol. 45, no. 8, August 1956. Czechoslovakia)

SO: Monthly List of East European Accessions. (EEAL) LC. Vol. 6, No. 6,
     June 1957. Uncl.

POSTRANECKY, J.

CZECH/2218

3(7) .

Řihánek, Ladislav V., Engineer, and Josef Postránecký, Doctor, Engineer

Bouřky a ochrana před bleskem (Thunderstorms and Protection from Lightning)
    Praha, Nakladatelství Československé akademie věd, 1957. 507 p.
    (Series: Československá akademie věd. Sekce technická. Studie a prameny)
    2,300 copies printed.

Sponsoring Agency: Československá akademie věd. Sekce technická.

Scientific Ed.: Josef Stránský, Professor, Engineer, Doctor, Corresponding
    Member, Czechoslovak Academy of Sciences; Reviewers: Bohumir Novák, Engineer, and
    Josef Podzimek, Doctor of Natural Sciences; Resp. Ed.:
    Ladislav Hrdina; Tech. Ed.: František Končicky.

PURPOSE: The book is intended for electrical engineers and scientists specializing
    in problems of protection from lightning

COVERAGE: This is a comprehensive scientific survey of lightning phenomena and light-
    ning protection devices. The book is divided into a theoretical part which discuss-
    es the nature of lightning, surge phenomena, and instrumentation. The practical
    part is devoted to methods of installing
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Thunderstorms and Protection From Lightning (Cont.)   CZECH/2218

19

Lightning

A. THEORETICAL SECTION

I. Theory of Thunderstorms and Lightning

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Thunderstorms and Protection From Lightning (Cont.)   CZECH/2218

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Thunderstorms and Protection From Lightning (Cont.)   CZECH/2218

Card 6/14

Thunderstorms and Protection From Lightning (Cont.)   CZECH/2218

Card 7/14

Thunderstorms and Protection From Lightning (Cont.)   CZECH/2218

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Thunderstorms and Protection From Lightning (Cont.)   CZECH/2218

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Thunderstorms and Protection From Lightning (Cont.)   CZECH/2218

Card 10/14

Thunderstorms and Protection From Lightning (Cont.)   CZECH/2118

Card 11/14

Thunderstorms and Protection From Lightning (Cont.)   CZECH/2218

Card 12/14

POSTRANECKY, Martin

First British research satellite US/TK-1 Ariel. Cs cas fys 15 no.3: 286-289 '65.

1, Submitted January 11, 1965.

POSTRANECKY, Martin (Prague 2, Neklanova 30); GRUN, Marcel (Prague 2, Na vytoni 14)

The Alouette research satellite. Cs cas fys 15 no.2:186-187 '65.

1. Submitted November 30, 1964.

YERSHOV, Pavel Nikolayevich; POSTRELOV, G.A., red.; VOROB'YEVA, N.N.,
     red.izd-va; BRATISHKO, L.V., tekhn.red.

[Using Portland cement fibrolite slabs in standard housing
construction] Fibrolitovye plity na portland-tsemente v
standartnom domostroenii. Moskva, TSentr. biuro tekhn.infor-
matsii lesnoj promyshl., 1958. 6 p.   (MIRA 12:1)
          (Sillimanite)   (Building blocks)

BARYSHEVA, M.D.; TRULEVICH, V.K.; TUL'ZHENKOVA, F.F.; TSVETAYEVA, Ye.M.;
    POSTRELOVA, T.A., red.

[Vegetable and potato growing in the Far North; bibliographic
index for 1932-1957] Ovoshchevodstvo i kartofelevodstvo na
Krainem Severe; bibliograficheskii ukazatel' 1932-1957 gg. Lenin-
grad, 1959. 51 p.   (MIRA 13:11)

1. Moscow. TSentral'naya nauchnaya sel'skokhozyaystvennaya biblio-
teka.
        (Russia, Northern--Vegetable gardening)
        (Russia, Northern--Potatoes)

AMANZHULOV, S.A.; AMOSENKOVA, N.I.; POSTRICHEVA, O.V.

Detection of Rickettsia burneti in the horsefly Tabanus
staegeri. Med. paraz. i paraz. bol. 34 no. 5:612-614 S-O '65
(MIRA 19:1)

1. Kazakhskiy institut krayevoy patologii AMN SSSR, Alma-Ata
i otdel osobo opasnykh infektsiy Leningradskogo instituta
epidemiologii i mikrobiologii imeni Pastera. Submitted Novem-
ber 22, 1963.

AMANZHULOV, S.A.; AMOSENKOVA, N.I.; POSTRICHEVA, O.V.

Results of virological confirmation of Q fever in Kazakhstan.
Trudy Len. inst. epid. i mikrobiol. 25:83-94 '63.

(MIRA 17:1)

1. Iz Instituta krayevoy patologii AN KazSSR i otdela
osobo opasnykh infektsiy Leningradskogo instituta epidemio-
logii i mikrobiologii imeni Pastera.

POSTRICHEVA, O.V.; AMANZHULOV, S.A.; BORISOV, V.D.; KARAKULOV, I.K.

Spread of Q fever in the Virgin Territory. Zdrav. Kazakh. 21 no.8:
50-54 '61.   (MIRA 14:9)

1. Iz Instituta krayevoy patologii AN Kazakhskoy SSR i kafedry
epidemiologii Kazakhskogo meditsinskogo instituta.
                    (VIRGIN TERRITORY—Q FEVER)

RAYEVSKIY, V.G.; POSTRIGAN', M.V.; GUL', V.Ye.

Studying the thermostability of welded joints of combined film
materials. Film materials with one-sided polyethylene coating.
Plast. massy. no.9:23-25 '65.   (MIRA 18:9)

RAYEVSKIY, V.G.; POSTRIGAN', M.V.; GUL', V.Ye.

Heat resistance of the welded seams of composite film materials.
Plast. massy no.2:45-47 '66.   (MIRA 19:2)

L 2270-66 --EWT(m)/EPF(c)/EWP(w)/EWP(t)/EWP(r)/EWP(j)/T/EWP(t)/EWP(k)/EWP(b)
                      EWA(c)/ETC(m)   IJP(s)   RM/JD/WW/HW
ACCESSION NR: AP5022224   UR/0191/65/000/009/0023/0025
                                          678-416:678.029.43

AUTHOR: Rayevskiy, V. G.; Postrigan', M. V.; Gul', V. Ye.

TITLE: Study of the thermal stability of welded joints of composite film
materials

SOURCE: Plasticheskiye massy, no. 9, 1965, 23-25

TOPIC TAGS: weld evaluation, aluminum foil, polyethylene terephthalate,
polyethylene plastic, cellulose, thermal stability

ABSTRACT: The authors studied the temperature dependence of the strength of
welded joints of two types on two-layer materials with polyethylene coatings.
The base materials were aluminum foil (60 μ thick) with hydrated cellulose
(cellophane) and polyethylene terephthalate (dacron) films. A polyethylene
coating 25-35 μ was deposited by extrusion. Joints 5 mm wide were then prepared
and their strength characteristics were measured. The strength of the joints
at room temperature, relative to the strength of the material, was 12.5% in the
case of the foil, 6.3% in the case of cellophane, and 19% in the case of dacron.
When the temperature was raised to 100C, the strength of the joints dropped to

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ACCESSION NR: AP5022224   7

20% of the value of room temperature, and did not change with further rise in
temperature. The temperature dependence of the strength of the joints in shear
was studied. The adhesion/strength in shear decreases abruptly at 90-100C,
apparently because of the softening of polyethylene at these temperatures. It is
shown that the strength of welded joints at a given temperature can be calculated
from the strength determined under standard conditions. "G. F. Il'vokhina and
V. V. Kopchikov participated in the experimental part of the work." Orig. art.
has: 2 figures, 1 table, and 1 formula.

ASSOCIATION: none

SUBMITTED: 00   ENCL: 00   SUB CODE: MM, MT

NO REF SOV: 001   OTHER: 005

Card 2/2

POSTRIGAN' P.A..

A case of surgical removal of a 15-centimeter nail from the duodenum of a one-year-old child. Khirurgiia 34 no.5:132 My '58 (MIRA 11:7)

1. Iz Takhtinskoy rayonnoy bol'nitsy Khabarovskogo kraya.
        (DUODENUM, foreign bodies
                nail in young child., surg. (Rus))

POSTRIGAN', P.A.

Acute empyema of the gall bladder caused by ascariasis. Vest.khir.
79 no.8:123 Ag '57.   (MIRA 10:10)

1. Iz khirurgicheskogo otdeleniya (zav. - P.A.Postrigan') Nevel'-
skoy gorodskoy bol'nitsy Sakhalinskoy oblasti. Adres avtora:
Yuzhno-Sakhalinsk, gorodskaya bol'nitsa.
         (ASCARIDS AND ASCARIASIS)   (EMPYEMA)
         (GALL BLADDER--DISEASES)

POSTRIGAN', P.A. (Khabarovsk)

Traumatism at enterprises of the Okhotsk Fishing Trust of the
Khabarovsk Economic Council. Ortrop.travm.i protez. 21 no.4:
51-53 Ap '60.   (MIRA 13:9)
            (FISHERIES—HYGIENIC ASPECTS)
        (KHABAROVSK TERRITORY—INDUSTRIAL ACCIDENTS)

POSTRIGAN, P.A. (Khabarovsk, Militseyskaya ul., d.59)

Industrial injuries in the Khabarovsk repair yards of the Ministry
of River Navigation of the R.S.F.S.R. Ortop.,travm.i protez. 22
no.3:49-50 '61.   (MIRA 14:4)

1. Iz Khabarovskoy lineynoy bol'nitsy Dal'nevsotsochnogo vodadrav-
otdela.
   (KHABAROVSK—SHIPBUILDING WORKERS—DISEASES AND HYGIENE)

POSTRIGAN', S.A. [Postryhan', S.A.]

        Suckering plants growing in patches. Ukr. bot. zhur. 22 no.5:
        91-92 '65.   (MIRA 18:10)

        1. L'vovskiy lesotekhnicheskiy institut, kafedra botaniki.

POSTRIGAN', S.A. [Postryhan', S.A.]

Boissiera and Koelpinia in the environs of Lvov. Ukr. bot. zhur.
20 no.3:108 '63.   (MIRA 17:9)

1. Kafedra botaniki L'vovskogo gosudarstvennogo universiteta.

POSTRIGAN', Ye. [Postryhan', IE]

Ready for the building season. Sil'.bud. 10 no.4:18-19
Ap '60.   (MIRA 13:7)

1. Starshiy inzhener upravleniya stroitel'stva Cherkasskogo
oblsel'khosupravleniya.
        (Cherkassy Province—Brick industry)

POSTNIKOV, N.N.,
    E.V. BRITZKE, (Min. Syrje Zwet. Met., 1929, 4, 375-387)

BOTVINIK, S.A., dotsent, savednyushchiy; POPKOVA, N.F.; KUROCHKIN, I.D.; POSTROMA, Ye.V.

Early and accelerated methods of laboratory diagnosis of dysentery. Second report. Zhur.mikrobiol.epid.i immun. no.9:34-37 S '53.   (MIRA 6:11)

1. Kafedra mikrobiologii Yaroslavskogo meditsinskogo instituta.

(Dysentery)

POSTRUZNIK, Srecko, dr.

Colpo-hysterectomy in total prolapse in senility. Med.arh., Sarajevo
15 no.1:107-115 Ja-F '61.

1. Ginekolosko porodiljni odjel bolnice Sibenik (Sef: dr Srecko
Postruznik)
        (HYSTECTOMY in old age)
        (UTERINE PROLAPSE surg)

CIZMIC, Marinko, dr.; POSTRUZNIK, Srecko, dr.

Value of hysterosalpingography in the diagnosis of genital
tuberculosis. Lijecn. vjesn. 85 no.4:415-421 '63.

1. Iz Rendgenskog zavoda i Ginekolosko-porodajnog odjela
Medicinskog centra u Sibeniku.
(HYSTEROSALPINGOGRAPHY)
(TUBERCULOSIS, FEMALE GENITAL)

S

YUGOSLAVIA

CIZMIC, Dr Marinko, and Dr Srecko POSTRUZNIK, X-Ray Insti-
tute (Rendgenski Zavod) and Department of Gynecology and
Obstetrics (Ginekolosko-porodjajni Odjel), Medical Cen-
ter (Medicinski Centar), Sibenik.

"The Value of Hysterosalpingography in the Diagnosis of
Genital Tuberculosis."

Zagreb, Lijecnicki Vjesnik, Vol 85, No 4, April 1963, pp
415-421.

Abstract: /Authors' English summary modified7 Adnexal tu-
berculosis can be diagnosed with a combination of biolog-
ical, bacteriological, pathohistological, and radiological
methods of investigation. Hysterosalpingography is of
particular diagnostic importance in adnexal tuberculosis,
especially in cases of latent tubal tuberculosis when the
specific process cannot be revealed by any other method.
The value of this procedure has been amply proved by X-
rays, clinical examinations, and operative treatment.
1/1/Eleven photographs, 15 Western and Yugoslav references.

— 17 —

POSTRUZNIK, Srecko, Dr.

Intubation of the intestine with Miller-Abbot tube in
gynecology. Lijec. vjes. 77 no.10-12:498-503 Oct-Dec 55.

1. Iz Ginekolosko-porodiljskog odjela Opce bolnice dra
M. Stojanovica u Zagrebu.
            (INTESTINAL OBSTRUCTION, diagnosis,
                Miller-Abbott tube. (Ser))

S/080/60/033/04/25/045

AUTHORS: Levitskaya, K.V., Postukhov, P.T., Danilov, S.N.

TITLE: The Effect of Oxidizing and Reducing Additives to Viscose on Its
             Properties. Communication 11.

PERIODICAL: Zhurnal prikladnoy khimii, 1960, Vol 33, Nr 4, pp 896 - 902

TEXT: On adding sodium hypochlorite to finished viscose directly after dis-
solution of xanthogenate the amount of titrable sulfur decreases in proportion to the
ripening of viscose, mainly at the expense of xanthogenate sulfur; the polymer grows
more quickly than in experiments without addition of an oxidant. It is evident that
under the action of the oxidant cellulose dixanthogenides are formed which split up
easily in an alkaline medium, speeding up the ripening of viscose. The addition of
persulfates into the mercerization alkali strongly decreases the viscosity of the viscose
obtained. If persulfate is introduced during the dissolution of xanthogenate the viscosity
of viscose, the salt index and the total quantity of the titrable sulfur decrease strong-
ly, mainly at the expense of xanthogenate sulfur. Sulfate which is formed from per-
sulfate affects little the properties of viscose. The addition of 5% of sodium peroxide
in relation to the weight of α -cellulose prior to and directly after the dissolution of

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S/080/60/033/04/25/045

The Effect of Oxidizing and Reducing Additives to Viscose on Its Properties.
Communication 11.

xanthogenate increases the ripeness and viscosity of viscose, but reduces the total
quantity of titrable sulfur. Sodium peroxide partially speeds up the ripening process
of viscose. The treatment by oxygen on various stages of viscose manufacture changes
the properties of the viscose obtained, especially during the stages between the
mercerization and the dissolution of xanthogenate. The addition of sulfite (1.5% of
the weight of the α-cellulose in alkali cellulose prior to xanthogenation) increases
the content of xanthogenate sulfur in viscose and decreases also considerably the
viscosity of viscose and inhibits its coagulation. The introduction of sodium sulfite
into the finished viscose affects the viscosity of viscose, but does not change the
distribution of carbon bisulfide.
There are: 7 tables and 13 references, 9 of which are Soviet, 2 German and 2 Japanese.
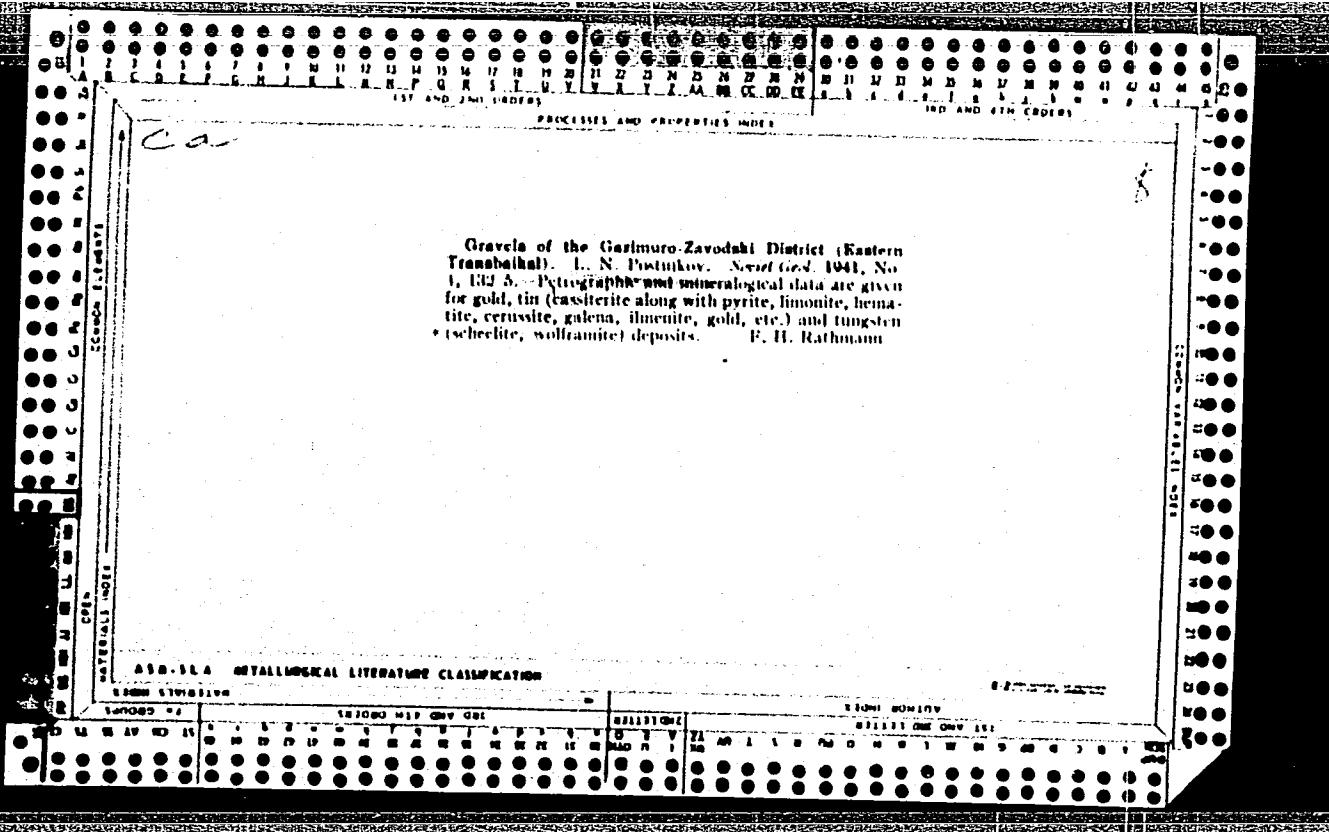
SUBMITTED: November 14, 1959

Card 2/2

POSTULKA, J.; SUBR, J.

Light-steel Roofing not supported by purlins for the electric-power station
in Nanking. p. 27.

POZEMNI STAVBY. (Ministerstvo stavebnictvi)
Praha, Czeckoslovakia   Vol. 7, no. 1, Jan. 1959

Monthly List of East European accession, (EEAI), IC, Vol. 8, No. 12, Dec. 1959
Uncl.

Gravels of the Gazimuro-Zavodshi District (Eastern
Transbaikal). L. N. Postnikov. Sovet Geol. 1941, No
4, 132 5. - Petrographic and mineralogical data are given
for gold, tin (cassiterite along with pyrite, limonite, hema-
tite, cerussite, galena, ilmenite, gold, etc.) and tungsten
* (scheelite, wolframite) deposits.   F. H. Rathmann

POSTULKA, Josef, inz.

Rotund boiler house with a suspended roof. Poz stavby 11
no. 6: 306-308 '63.

1. Krajsky projektovy ustav Bratislava.

POSTULKA, Jozef, inz.

A sport hall with a suspended roof in Bratislava. Inz stavby 11 no.2:
41-46 F '63.

1. Krajsky projektovy ustav, Bratislava.

POSTUPAL'SKAYA, M.

Looking through the window. IUn.nat. no.2:15 My '56. (MLRA 9:11)
(Birds)