

KOROL', P.

We are solving major problems. Mast. ugl. 7 no.11:18 N '58.

(MIRA 11:12)

1. Zamestitel' predsedatelya komiteta profsoyuza kuznetskoy shakhty  
imeni Ordshenikidze tresta Kubyshvugel'.  
(Coal mines and mining) (Mine management)

KOROL', P.

Such people won't let you down. Mast.ugl. no.7:11 JI '60.  
(MIRA 13:7)

1. Predsedatel' shakhtnogo komiteta profsoyuza shakhty  
"Zyryanovskaya" tresta Kuybyshevugol'.  
(Trade unions) (Coal mines and mining)

KOROL', P., gvardii polkovnik

We should teach young party members to be good communists. Komm.-  
Vooruzh.Sil.2 no.17:30-35 S '62. (MIRA 15:8)  
(Russia--Army--Political activity)

KOROL', P. Z.

Exchange of experience. Usb. khim. zhur. no.4:70 '60.  
(MIRA 13:9)

1. Chirchikekiy elektrokhimicheskiy kombinat im. I.V. Stalina.  
(Uzbekistan—Chemistry, Technical)

NABIYEV, M.N.; PALETSKIY, G.V.; ANISIMKIN, I.G.; REBENKO, M.; KALININ, Ye.P.;  
TROFIMOV, S.M.; VURGAFT, G.V.; POPOV, V.S.; KOROL', P.Z.;  
KULIK, A.A.; KAL'MAN, L.A.; FARBER, S.I.; MATVEYEVA, M. Ye.;  
GAVRILOV, V.S.; KADYROV, V.M.; IL'YASOV, A.I.; YAKUBOV, S.G.;  
PROSKURIN, M.P.; NESTERENKO, A.P.; DEZHIN, N.D.; KOCHEROV, V.,  
red.; POPOV, V., red.; SALAKHUTDINOVA, A., tekhn. red.

[Chirchik, a city of major industrial chemical complexes]  
Chirchik - gorod bol'shoi khimii. Tashkent, Gosizdat UzSSR,  
1962. 82 p. (MIRA 16:6)

1. Chlen-korrespondent Akademii nauk UzSSR (for Nabiyev).
2. Rabotniki Chirchikskogo elektrokhimkombinata (for all  
except Nabiyev, Kocherov, Popov, V., Salakhutdinova).  
(Chirchik—Chemical plants)

AUTHOR: Korol', R., Dubovik, M., Engineers SOV/84-58-8-24/59  
TITLE: The An-10 Power Plant (Samolet An-10 - Silovaya ustanovka)  
PERIODICAL: Grazhdanskaya aviatsiya, 1958, Nr 8, pp 14-16 (USSR)  
ABSTRACT: The article gives a fairly detailed description of the installation of the engines as well as the fuel and oil system and other auxiliaries of the power plant. Parallel to the description of the installation there is an explanation of the operation of systems and parts. No technical data are included. The text is accompanied by two photographs.

Card 1/1

KOROL', R., zamestitel' glavnogo konstruktora

Aeronautics serves the national economy. Av. 1 kosm. 48 no.8:29-32 Ag  
'65. (MIRA 18:7)

L 00918-66 EWT(d)/EWT(m)/FA/T-2/EWP(h)/EWP(1)

ACCESSION NR: AP5020141

UR/0209/65/000/008/0029/0032

AUTHOR: Korol', R. (Deputy chief designer)

25  
B

TITLE: Aviation serves the national economy 14

SOURCE: Aviatsiya i kosmonavtika, no. 8, 1965, 29-32

TOPIC TAGS: passenger aircraft, agriculture, transport aircraft 2,44,55

ABSTRACT: In 1964 3.5 times more passengers and 2.1 times more freight were carried by aircraft than in 1958, and 46.7% of the air passengers were transported by aircraft of the types AN-10, AN-24, and AN-2 used for distances up to 1000 km. In the present year the AN-12 will go into service. It has a freight capacity of 123 m<sup>3</sup> and facilities for fast loading and unloading. Eighty tons of freight can be carried for 5000 km by the new AN-22 aircraft. Air travel on many airlines today is no more expensive than going second class by railway. This article presents the carrying and economic characteristics of several passenger aircraft, describes the necessary lengths of runways, and explains the value of aviation in agriculture and forestry. Orig. art. has: 2 photographs.

ASSOCIATION: none  
Card 1/2



L 00918-66

ACCESSION NR: AP5020141

SUBMITTED: -00

ENCL: 00

SUB CODE: AC, GO

NO REF SOV: 000

OTHER: 000

Card 2/2 DP

DYKHOVICHNYI, A.A., inzh., KOROL', S.A., inzh.

Making static calculations on calculating machines. From stroi. i  
inzh. soor. 1 no.1:44-45 0 '59. (MIRA 13:12)  
(Electronic calculating machines) (Girders)

1ST AND 2ND ORDERS... PROCESSES AND PROPERTIES INDEX

BC a-4

**Substitutional reactions** P. S. Goussarov and S. A. Kozlov. *U.S.S.R. Chem. Rev.* 38: 1100-1102, 1969. No correlation

was found between substitutional reactions and the presence of such group centers or change of intermetallic order in SS precipitates. In one case there is a correlation between the rate of substitutional reactions and a strong homolytic effect on synthesis of a group A compound; the homolytic effect was still present at a dilution of 1:500.

M. K.

458-15A METALLURGICAL LITERATURE CLASSIFICATION

1969 1100 1101 1102 1103 1104 1105 1106 1107 1108 1109 1110 1111 1112 1113 1114 1115 1116 1117 1118 1119 1120 1121 1122 1123 1124 1125 1126 1127 1128 1129 1130 1131 1132 1133 1134 1135 1136 1137 1138 1139 1140 1141 1142 1143 1144 1145 1146 1147 1148 1149 1150 1151 1152 1153 1154 1155 1156 1157 1158 1159 1160 1161 1162 1163 1164 1165 1166 1167 1168 1169 1170 1171 1172 1173 1174 1175 1176 1177 1178 1179 1180 1181 1182 1183 1184 1185 1186 1187 1188 1189 1190 1191 1192 1193 1194 1195 1196 1197 1198 1199 1200

KOROL', S.A.

KOROL', S.A.

Bactericidal properties of blood. Medych.zhur. 16:531-547 '47.

(MIRA 10:12)

1. Z laboratorii antiretikulyarnoi tsitotoksichnoi sirovatki (zav. - doktor med. nauk P.D.Marchuk) Institutu eksperimental'noi biologii i patologii Ministerstva okhoroni zdorov'ya URSS (direktor - akad. O.O. Bogomolets').

(BLOOD)

KOROL, S.A.

KOROL, S.A., kand.biol.nauk

Properties of various antigen fractions and their role in the preparation of antireticular cytotoxic serum. Medych.zhur. 20 no.5:47-64 '50. (MIRA 11:1)

1. Z laboratorii Antiretikulyarnoi tsitotoksichnoi sirovotki (zav. laboratoriyeyu - prof. P.D.Marchuk) Institutu eksperimental'noi biologii i patologii im. akad. O.O.Bogomol'tsya Ministerstva okhoroni zdorov'ya URSS (direktor - prof. O.O.Bogomolets')  
(ANTIGENS AND ANTIBODIES)  
(ANTIRETICULAR CYTOTOXIC SERUM)

*Korol, S. A.*

MARCHUK, P.D., prof.; GRAGEROVA, R.B., kand.med.nauk; KOROL', S.A.,  
kand.biol.nauk

Interspecies specificity of antireticular cytotoxic serum. Medych.  
zhur. 20 no.5:94-98 '50. (MIRA 11:1)

1. Z laboratorii Antiretikulyarnoi tsitotoksichnoi sirovatki  
(zav. - prof. P.D.Marchuk) Institutu eksperimental'noi biologii i  
patologii im. akad. O.O.Bogomol'tsya Ministerstva okhoroni  
zdorov'ya URSS (direktor - prof. O.O.Bogomolets')  
(ANTIRETICULAR CYTOTOXIC SERUM)

1. KOROL', S. A.
2. USSR (600)
4. Nervous System
7. Some data from the literature on the role of the nervous system in immunity. Medych. zhur. 22, No. 1, 1952.

9. Monthly List of Russian Accessions, Library of Congress, April 1953, Uncl.

KOROL', S.A.

Role of vascular reception in the formation of antibodies. Vop.  
fiziol. no.10:132-136 '54 (MLRA 10:5)

1. Ukrainskiy institut epidemiologii i mikrobiologii.  
(ANTIGENS AND ANTIBODIES) (BLOOD VESSELS--INNERVATION)



KOROL, S.A.

Antigenic and immunogenic properties of the preparation plasmol.  
Medych.zhur. 24 no.6:89-91 '54. (MLRA 8:7)

1. Naukovo-doslidnyy institut epidemiologii i mikrobiologii, laboratoriya patofiziologii (m. Kiyv).

(SERO THERAPY,

blood prep. plasmol)

(TISSUE THERAPY,

biogenic stimulator from human blood plasmol)

MARCHUK, P.D., otvetstvennyy redaktor; BOGOMOLETS, O.A., redaktor; KAVETSKIY, P.Ye., redaktor; KOROL', S.A., redaktor; LEVCHUK, G.A., redaktor; MEDVEDOVA, N.B., redaktor; GITSHEYN, A.D., tekhnicheskii redaktor

[Cytotoxins in modern medicine; a collection of works commemorating the 75th birthday of Academician A.A.Bogomolets] TSitotoksiny v sovremennoi meditsine; sbornik rabot, posviashchennyi 75-letiu so dnia rozhdeniia akademika A.A.Bogomol'tsa. Kiev, Gos. med. izd-vo USSR, 1956. 329 p. (MLRA 9:11)

1. Ukraine. Ministerstvo zdravookhraneniya.  
(SRUM)

KOROL, S.A.

77A ✓ The distribution of radiiodine-labeled cytotoxins in the rat: F. D. Marchuk, S. A. Korol, and Yu. A. Umanskiy. *Vrachibnoe Delo* 1956, No. 7, 725-6; *Referat. Zhur., Khim., Biol. Khim.* 1957, No. 2833. —Iodized globulin (I) of cytotoxic and of normal serum was used. The globulin was dissolved so that 2-3 ml. of the diln. contained an amt. of globulin equiv. to 0.5 ml. of the native serum. Two-three ml. of this globulin soln. was injected intravenously into rats and the rats were killed at intervals of 15, 30, 60, 120, 240, and 480 min. after the injection. The radioactive iodine accumulated in the liver, lungs and spleen in greater concns. In the case of I of cytotoxic serum. Thirty min. after injection of the labeled I of cytotoxic serum the greatest concns. of radiiodine were found in the liver, lungs, and bone marrow. After the injection of labeled I of normal serum greatest concns. appeared in the liver, bone marrow, and to a considerably lesser degree in the lungs. Sixty min. after the injection of the labeled I of cytotoxic or of normal serum the liver, lungs, and bone marrow of the rats retained the radioactivity; the radioactivity of the spleen at that time was higher and 60 min. after the injection of the labeled I of normal serum the greatest concn. of the radiiodine was found in the brain and in the liver.

U. S. Leyque

Korol', S. A., Umanskiy, YU, A. and Barshteyn, YU, A.

About the effect of ACS\* upon the morphological changes in the spleen of animals, subjected to irradiation with radiocobalt gamma-rays and radio phosphorous betarays. *ibid.*

Materialy nauchnykh konferentsii, Kiev, 1959. 268pp  
(Kievskiy Nauchno-issledovatel'skiy Institut Epidemiologii i Mikrobiologii)

Translator's note: \*Antireticular cytotoxic serum

Korol', S. A., and Umanskiy, YU. A.

Course of tetanus toxication under the effect of different types of  
ionizing radiations on grounds of changes in the reactiveness. 6.2.56

Materialy nauchnykh konferentsii, Kiev, 1959. 288pp  
(Kievskiy Nauchno-issledovatel'skiy Institut Epidemiologii i Mikrobiologii)

Korol', S. A., Umanskiy, YU. A., and Barsheteyn, YU. A.

On the pathomorphology of the spleen of white mice during simultaneous action of tetanus toxin at different types of radiation (gamma-rays of radio cobalt and beta-rays of phosphorus) under conditions of changed reactivity. *p. 241*

Materialy nauchnykh konferentsii, Kiev, 1959. 288pp  
(Kievskiy Nauchno-issledovatel'skiy Institut Epidemiologii i Mikrobiologii)

Korol', S. A. and Mgenik, M. R.

Further studies of hemotoxic factors in tissues of animals subjected to the action of ionizing rays. *P. 241*

Materialy nauchnykh konferentsii, Kiev, 1969. 200op  
(kievskiy Nauchno-issledovatel'skiy Institut Epidemiologii i Mikrobiologii)

MARCHUK, P.D.; KOROL', S.A.

Conference on the physiology and pathology of the connective tissue  
system and antireticular cytotoxic serum, in Kiev, December 8-11, 1958.  
Pat.fiziol. i eksp.terap. 3 no.6:84-85 N-D '59. (MIRA 13:3)  
(CONNECTIVE TISSUE)  
(ANTIRETICULAR CYTOTOXIC SERUM)



MARCHUK, P.D., otv. red. (Kiyev); BOGOMOLETS, O.A., red. (Kiyev);  
KAVETSKIY, R.Ye., red. (Kiyev); KOROL', S.A., red. (Kiyev);  
LEVCHUK, G.A., red.; MEDVEDEVA, N.B., red.; GITSHTEYN, A.D.,  
tekhn. red.

[Cytotoxins in present day medicine] TSitotoksiny v sovremen-  
noi meditsine. Kiev. Gos. med. izd-vo USSR. Vol.2. 1960. 332 p.  
(MIRA 15:3)

1. Ukraine. Ministerstvo zdravookhraneniya.  
(SERUM)

MARCHUK, P.D.; KOROL', S.A.; BEREZHNA, N.M. [Berezhnaya, N.M.]

Antigenic properties of some tissues. Fiziol. zhur. [Ukr.] 7 no.5:  
636-643 S-0 '61. (MIRA 14:9)

1. Institute of Gerontology and Experimental Pathology of the Academy  
of Medical Sciences of the U.S.S.R., Kiev.  
(ANTIGENS AND ANTIBODIES) (TISSUES)

BARSHTEYN, Yu. A.; KOROL', S. A. (Kiyev)

Morphological and serological characteristics of the processes of sensitization under experimental conditions. Arkh. pat. no.12:21-28 '61. (MIRA 15:7)

1. Iz Kiyevskogo nauchno-issledovatel'skogo instituta epidemiologii i mikrobiologii (dir. - kandidat meditsinskikh nauk S. N. Terekhov, nauchnyy rukovoditel' - deystvitel'nyy chlen AMN SSSR prof. L. V. Gromashevskiy)

(ALLERGY) (RADIATION SICKNESS)

KOROL', S.A.; RODIONOV, G.A.

Data of a histomorphological study of the liver in rats of various ages under the combined effect of carbon tetrachloride and hepatocytotoxic mitochondrial serum. Pat. fiziol. i eksp. terap. 9 no.2: 54-59 Mr-Apr '65. (MIRA 18:5)

1. Laboratorii immunologii (zav. - prof. P.D.Marchuk) i patomorfologii (nauchnyy rukovoditel' raboty prof. M.K.Dal') Instituta gerontologii i eksperimental'noy patologii (dir. - chlen-korrespondent AMN SSSR prof. D.F. Chebotarev) AMN SSSR, Kiyev.

ZHUKOV, D.F.; KOROL', S.I.

Study of secondary currents in the afterbays of hydraulic structures.  
Trudy Inst.energ.AN BSSR no.12:241-249 '60. (MIRA 14:6)  
(Hydraulics)

KOROL', V.

USSR/Electronics

Card 1/1

Author : Korol', V.

Title : Tuning a superheterodyne

Periodical : Radio, 3, 47 - 50, Mar, 1954

Abstract : Preparation for and the tuning of a superheterodyne receiving set is described. It is suggested first to tune the low-frequency amplifier, then the filters of the intermediate stage; followed by the pre-selecting stage and then to tune the heterodyne circuits and finally to check the conjugated frequencies. The article contains diagrams and a table of heterodyne and conjugated frequencies.

Institution : .....

Submitted : .....

KOROL', V.

USSR/ Electronics

Card : 1/1

Authors : Korol', V.

Title : Tuning a Superheterodyne

Periodical : Radio, No. 4, 45 - 47, April 1954

Abstract : The author proposes a method of tuning a superheterodyne. This method can be used by radio-amateurs in the absence of frequency-measuring instruments. The method of tuning the set by means of another heterodyne of the same frequency is described in detail. The method of frequency calculation is also explained. One circuit diagram and one table are included.

Institution : .....

Submitted : .....

KOROL', V.

Multichannel sound reproduction. Radio no.10:42-43  
'56.

(MLRA 9:11)

(Loud-speakers)

KOROL', V.

KOROL', V.

Bourgeois wage theories in Great Britain. Sots.trud no.8:36-47  
Ag '57. (MIRA 10:9)

(Great Britain--Wages)

KOROL', V.

Wage theory of right-wing Laborites. Sots. trud no. 7:23-22 J1 '58.  
(MIRA 11:8)

(Wages)  
(Great Britain--Socialist party)



KOROL', V., dotsent

Distribution of new housing construction projects in White Russia.  
Sbor.nauch.trud.Bel.politekh.inst. no.81:5-14 '59. (MIRA 13:5)  
(White Russia--City planning)

KOROL', V.

Planning and construction of cities of White Russia. Zh1. stroi.  
no.7:3-6 J1 '61. (MIRA 14:8)

1. Predsedatel' Gosstroya BSSR.  
(White Russia--City planning)

KOROL', V. A.

' Architecture of the future Minsk. Minsk, Izd-vo An BSSR, 1953. 40 p. (55-34250)

MA9212.M5K6

RUBTSOV, P.A., kand.tekhn.nauk; CHINENOV, V.P., inzh.; KOROL', V.F., inzh.

Testing the RVN-40/350 vacuum pump for milking systems. Trakt.  
i sel'khoz mash. no.2:38 F '64. (MIRA 17:3)

1. Zaporozhskiy filial Vsesoyuznogo nauchno-issledovatel'skogo  
instituta elektrifikatsii sel'skogo khozyaystva.

RUBTSOV, P.A.; CHINENOV, V.P.; KOROL', V.F.

Some results of testing a vacuum pump. Sbor. nauch.-tekh.  
inform. po elektr. sel'khoz. no.16/17:24-28 '64. (MIRA 18:11)

18.8200

75397  
SOV/149-2-5-23/32

**AUTHORS:** Korol', V. K., Perlin, I. L.

**TITLE:** Deformation Resistance of TsAM 9-1.5 Alloy Within Temperature Range of Hot Working by Pressure

**PERIODICAL:** Izvestiya vysshikh uchebnykh zavedeniy. Tsvetnaya metallurgiya, 1959, Vol 2, Nr 5, pp 159-166 (USSR)

**ABSTRACT:** Zinc alloys are now used by railroads and other industries as a good substitute for antifriction bronzes. Such an alloy is TsAM 9-1.5, consisting of 8 to 10% Al, 1 to 2% Cu, and 0.03 to 0.06% Mg, the balance being zinc. This alloy corresponds to state standard GOST 7117-56. Previous studies were conducted by German authors (Beier, W., Wolf, V., Z. Metallkunde, Nr 8, 1939; Weiss, E., Metallkunde, Nr 4, 1940), and by Vinogradov, S. V., Dnestrovskiy, N. Z., "Special Bronzes and Brasses," Metallurgizdat, 1945; they cover, however, only slow rates of deformation (10 to 120 mm/min), while hot working by pressure involves a high rate of deformation. The authors studied the latter using a tension-testing machine with a pendulum dynamometer

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Deformation Resistance of TsAM 9-1.5  
Alloy Within Temperature Range of  
Hot Working by Pressure

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SOV/149-2-5-23/32

with a ram speed of 0.2, 1.6, 2.5, and 168 mm/sec, a drawing bench with an attachment for tensile tests, and a recording device for preparing a primary diagram by means of an oscillograph. Specimens were rods of 8-mm OD and a length of 40 to 80 mm (GOST 1497-42). The installation is shown in Figs. 1 and 2. The deformation of the specimen can be recorded simultaneously on the photographic plate and by the oscillograph. The results of tests are given in Table 2. From Table 2 it appears that the TsAM 9-1.5 alloy acquires a considerable strengthening only at the beginning (up to 10% reduction), then softens rapidly at deformation speeds of  $2.5 \cdot 10^{-3}$ ;  $2.07 \cdot 10^{-2}$ , and  $6.25 \cdot 10^{-2}$  1/sec. However, at a deformation speed of 21 1/sec a certain increase in the stress of plastic tension is observed, even at 300 to 350°. One can conclude that at slow speeds the rate of deformation does not influence substantially the resistance of the alloy. The maximum value of the speed factor (6.4, which is the ratio of the stress of plastic tension at any speed and any

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SOV/149-2-5-23/32

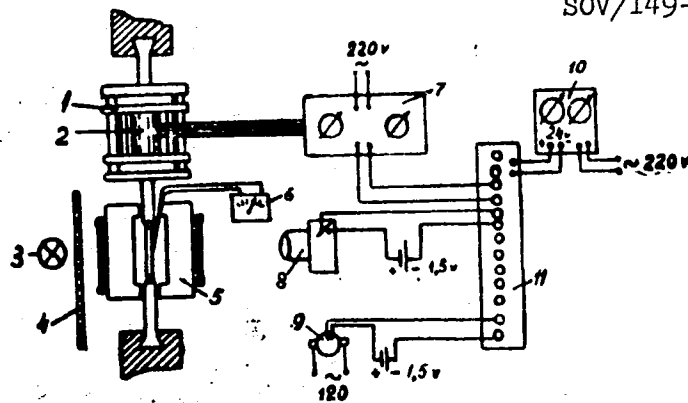


Fig. 1. Diagram of installation for simultaneous determination of applied force and cross section of the specimen during stretching. (1) Reverser; (2) dynamometer; (3) light source; (4) screen; (5) resistance heat; (6) galvanometer and thermocouple; (7) power supply; (8) photographic camera "Zenit-S"; (9) time recorder; (10) oscillograph rectifier; (11) oscillograph POB-14.

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Deformation Resistance of TsAM 9-1.5  
Alloy Within Temperature Range of  
Hot Working by Pressure

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SOV/149-2-5-23/32

reduction ratio, to the stress of plastic tension at a deformation speed =  $2.5 \cdot 10^{-3}$  sec) corresponds to a temperature of  $350^{\circ}$ . At  $200^{\circ}$  it is down to 1.3. There are 2 tables; 7 figures; and 10 references, 6 Soviet, 2 German, 2 U.S. The U.S. references are: Gonson, Moor, Proc. ASTM, B. 40. 1940; Mendschoun, J. Appl. Mech., December, 1944.

ASSOCIATION: Krasnoyarsk Institute of Nonferrous Metals. Chair of Metal Working by Pressure (Krasnoyarskiy institut tsvetnykh metallov. Kafedra obrabotki metallov davleniem)

Card 5/6

Deformation Resistance of TsAM 9-1.5  
 Alloy Within Temperature Range of  
 Hot Working by Pressure

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 SOV/149-2-5-23/32

Dependence of the true resistance to deformation in  $\text{kg/mm}^2$  on the speed and the rate of deformation at various temperatures Table 2

TEMPERATURE OF SPECIMEN, °C RATE OF DEFORMATION, %	200			250				300				350			
	5	10	20	5	10	20	30	5	10	20	30	5	10	20	30
$2,5 \cdot 10^{-3}$	15,1	15,2	15,3	7,5	7,9	7,6	8,0	4,3	4,7	5,1	5,2	2,0	2,4	3,0	2,8
$2,07 \cdot 10^{-2}$	16,4	16,6	16,7	11,1	11,0	10,7	10,7	8,2	8,0	7,5	7,1	5,0	5,0	4,1	3,6
$6,25 \cdot 10^{-2}$	17,0	17,3	17,8	12,4	12,8	13,0	13,5	9,2	9,1	9,0	9,0	6,4	6,3	6,0	5,3
2,1	19,0	19,6	20,1	18,0	18,5	19,0	19,5	14,6	15,0	15,2	15,3	11,3	11,7	12,4	12,8

Card 6/6

L 40916-66 EWT(m)/EWP(v)/T/EWP(t)/ETI/EWP(k) IJP(c) JD/HM/HW

ACC NR: AP6020741

SOURCE CODE: UR/0136/66/000/006/0080/0082

53  
52  
8

AUTHOR: Korol', V. K.; Lukashkin, N. D.

ORG: none

TITLE: The bond strength between layers of bimetal from Kh18N10T steel and aluminum alloy

SOURCE: Tsvetnyye metally, no. 6, 1966, 80-82

TOPIC TAGS: bimetal, metal cladding, steel, aluminum alloy, sandwich structure, bonding property

ABSTRACT: The interposition of an aluminum layer between surfaces of AMg6 alloy and Kh18N10T steel improves the bond strength and requires lesser area reduction (35 to 40%) to attain peak strength. The effects of cladding material composition and thickness were tested by bonding 10-mm thick steel to 12-14-mm thick aluminum alloy. Cladding material was Al (0.5 to 1.5 and 3 mm thick) or AMts and ATsM alloys (both 3mm thick). Bond strength depended on the type of cladding material; Al was best and promoted proper successive deformations of the bimetallic sheet. Annealing temperatures in the range of 350 to 480C had little effect. Thickness of cladding in excess of 0.2 to 0.3 mm reduced bond strength from 19 to 14 kg(f)/mm<sup>2</sup>. V. V. Koshvnikov, I. B. Bashkirov, and T. B. Krupitkina participated in the

Card 1/2

UDC: 669-419.4

L 40916-66

ACC NR: AP6020741

work. Orig. art. has: 3 figures and 1 table.

SUB CODE: 11/ SUBM DATE: 00/ ORIG REF: 002/ OTH REF: 000

Joining of dissimilar metals

Card 2/2 11p

SOV/136-59-7-12/20

AUTHORS: Perlin, I.L. and Korol', V.K.

TITLE: Stress Conditions in the Extrusion of Tubes of Type  
TsAM 9-1.5

PERIODICAL: Tsvetnyye metally, 1959, Nr 7, pp 69-74 (USSR)

ABSTRACT: The object of the work described was to get more precise information on the influence of heating temperature and extruding speed on the quality of TsAM 9-1.5 zinc-alloy (GOST 7117-54) tubes. These are widely used as substitutes for antifriction bronzes. Published information (Refs 1-5) on such alloys is discordant. The experiments, in which Yu. Ya. Kozharin participated, were carried out with a 100-ton hydraulic press and a container provided with nichrome heaters, which also heated the extrusion ram. Temperatures during extrusion were measured with a contact thermocouple on the tube surface near the die; stresses with the aid of resistance strain gauges. Average extrusion speed was found from the ratio of the stroke to the duration of the extrusion process, a type POB-14 oscillograph and a published (Ref 7) circuit being used. Fig 1

Card 1/3

SOV/136-59-7-12/20  
Stress Conditions in the Extrusion of Tubes of Type TsAM 9-1.5

(Ref 6) graphs, are compared in Table 3. The analytical equation gives high values, especially at high degrees of deformation when a greater thermal effect arises on the production than on the laboratory scale. The authors consider the optimum extrusion-speed for tubes to be up to 8, 3 and 2 mm/sec for 250, 275 and 300°C, respectively. There are 6 figures, 3 tables and 15 references, 12 of which are Soviet and 3 German.

Card 3/3

1-1300 1413 1454 1496

26798

S/136/61/000/007/002/002  
E111/E480

AUTHORS: Berez, A.A., Korol', V.K., Perlin, I.L.

TITLE: Experiments on the industrial production of  
zinc alloy - armco iron bimetal strip

PERIODICAL: Tsvetnyye metally, 1961, No.7, pp.65-69

TEXT: Laboratory investigations by the authors (Ref.1: Korol' B.K., Bushe N.A. VNII zheleznodorozhnogo transporta, Transzhellorizdat, Moscow, 1959 and Ref.2: Korol' B.K., Perlin I.L. Byull, TsIIN TsM, 1961, No.3) showed that, in principle, bimetal strip of alloy ЦАМ9-1.5 (TsAM9-1.5) with armco iron could be produced by rolling: subsequent tests on bearings of the material were successful. For wider service tests a batch of the bimetal strip produced under industrial conditions was needed. Its production served also as a check of the proposed (Ref.2) rolling conditions consisting, essentially, in the production of an aluminium-clad billet of TsAM9-1.5 alloy and its combined rolling with armco iron. The aluminium was of AD1 (AD1) or AO grade and served as the binder. It was clad onto the alloy by hot rolling (250 to 270°C) on a two-high mill (650 mm dia rolls)  
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E111/E480

Experiments on the industrial ...

at 1.3 m/sec rolling speed with 22 to 30% reduction per pass. Rolling was continued to a clad-billet thickness of 5.5 to 6 mm, the ingot being 30 and the aluminium 1.3 to 10 mm initially. The aluminium and TsAM9-1.5 ingot surfaces were wire-brushed. Only aluminium blanks thicker than 8.6 mm showed signs of creeping off, but still to a very small extent. The work confirms results obtained previously (Ref.2) on thinner ingots. To find the aluminium thickness giving the best adhesion, 5.5 to 6 mm thick alloy strips clad with various thicknesses of aluminium were levelled and cut into 235 to 420 mm sheets; these were annealed at 250°C and pack cold-rolled with a pickled 7.2 x 235 x 500 mm billet of armco iron. A two-high mill (700 mm roll diameter) was used with paraffin as the lubricant. The iron and aluminium surfaces were wire-brushed. Satisfactory adhesion of the alloy with iron occurred only with aluminium cladding originally 8.6 and 10 mm thick. Unsatisfactory adhesion was due to high residual stresses (Ref.3: Aynbinder, A.B. Izd-vo AN Latviyskoy SSR, Riga, 1957) and irregularities of the contacting surfaces. Since thicknesses of base and cladding in bimetal strip are required to  
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very close tolerances, the authors studied factors influencing distortion of the individual layers. Pack rolling of different alloy/iron thicknesses and ratios was carried out with pack thicknesses of 12.9 to 16.86 mm (approximating to industrial practice). The two-high mill was used, 52 to 54% reduction being effected per pass. After rolling, the thickness of individual layers was measured by a published method (Ref.8: Gostev, B.I., Zil'berg, Yu.Ya. Aluminium Alloy ACM (ASM) for Heavily Loaded Bearings, GITI mashinostroitel'noy literatury, Moscow, 1959). Neither pack thickness nor thickness rations had any effect on deformation. The final and initial thickness  $h_0$  and  $H_0$  of the pack and the final and initial thicknesses  $h_f$  and  $H_f$  of the iron were found to be related by the expression

$$h_0/h_f = (H_0/H_f)^{0.81}$$

Recommended rolling conditions for bimetallic strip of 3.6, 4.6 and 6.2 mm thickness are shown in Table 3. Shear-strength investigation of bimetal specimens taken after each pass showed that generally this rises with increasing degree of deformation; however, heat treatment after reductions of over 50% is essential  
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for highest strength. Resistance strain gauges were used to measure rolling pressure. Because of the different mechanical properties of the layers, the equation for the average working stresses  $P_{av}$  for each deformed layer assumes the form

$$P_{av} = \frac{P_{tot}}{B_{av} \sqrt{D \Delta h}}$$

where  $P_{tot}$  is the total roll force in kg;  $B_{av}$  is average strip width before and after rolling, mm;  $\Delta h$  is absolute reduction of one of the layers, mm;  $D$  is roll diameter, mm. Calculations show that with 4.6 and 6.2 mm thick strip, a decrease in average specific pressure in the first pass is also a factor leading to poor adhesion. R.A.Peskina and A.S.Gulyayev participated in the work. There are 2 figures, 4 tables and 10 Soviet references.

ASSOCIATIONS: Mikhaylovskiy zavod po obrabotke tsvetnykh metallov (Mikhaylov Non-Ferrous Metals Treatment Works)  
A.A.Berez; Institut tsvetnykh metallov im.  
M.I.Kalinina (Non-Ferrous Metals Institute imeni  
M.I.Kalinin) V.K.Korol' and I.L.Perlin



CHOU, T. H., FURUTS, H. H., KUROKI, T., S. S., KAWANO, T., S. S., KAWANO, T., S. S.

"On the prevention of defecation of the rectal colon in school children."

report submitted at the 13th All-Japan Congress of Hygienists, Epidemiologists and Infectionists, 1959.

BIRYUKOVICH, Alla Aleksandrovna; KOROL', Valentina Maksimovna;  
GOVORKOVA, A.F., red.; NOVOSELOVA, V.V., tekhn. red.

[Functional tests of the cardiovascular system in school-  
age children, 8 to 14] Funktsional'nye proby serdechno-  
sosudistoi sistemy u detei shkol'nogo vozrasta (8-14 let).  
Moskva, Izd-vo MPN RSFSR, 1963. 52 p. (MIRA 16:5)  
(CHILDREN--CARE AND HYGIENE)  
(CARDIOVASCULAR SYSTEM)

USHAKOV, G.A., dotsent, kand.tekhn.nauk; KOROL', V.N., inzh.

Vibration packing of mine cars as a means to increase their loadability. Ugol' 35 no.3:41-44 Mr '60.

(MIRA 13:6)

1. Khar'kovskiy gornyy institut.  
(Mine railroad—Cars) (Vibrators)

L 45388-65 EWT(1)/EWT(m)/EPF(c)/EBC(t)/T/EWA(m)-2 Pi-4 IJP(c) WW/CG

ACCESSION NR: AP5010943

UR/0286/65/000/007/0129/0129

AUTHORS: Skripko, A. L.; Korol', V. S.; Kovalev, G. V.

23  
22  
B

TITLE: Proton resonance hygrometer. Class 42, No. 169871

SOURCE: Byulleten' izobretaniy i tovarnykh znakov, no. 7, 1965, 129

TOPIC TAGS: moisture measurement, proton resonance 19

ABSTRACT: This Author Certificate presents a proton resonance hygrometer containing a permanent magnet, a nuclear magnetic resonance bridge detector, two narrow-band amplifiers tuned to discriminate the first and second harmonics of the NMR signal, and pointer type instruments. To increase the accuracy of measurements, the operating circuit of the amplitude bridge has a trimmer capacitor with a scale and a high-Q regenerator made according to the circuit of an underdriven generator. The generator scale determines the amount of negative resistance introduced into the circuit, which maintains the constant operation of the detector with change of the samples. To decrease the inherent noise in the amplitude bridge, two tuned amplifiers are connected at the inputs of the comparison circuit (see Fig. 1 on the Enclosure). One amplifier is connected in the voltage circuit of the operating circuit, and the second is connected in

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ACCESSION NR: AP5010943

the balance unit circuit. Orig. art. has: 1 diagram.

ASSOCIATION: Institut avtomatiki, AN Kirgizskoy SSR (Institute of Automation,  
AN Kirghiz SSR)

SUBMITTED: 30Dec63

ENGL: 01

SUB CODE: MT, NP

NO REF SOV: 000

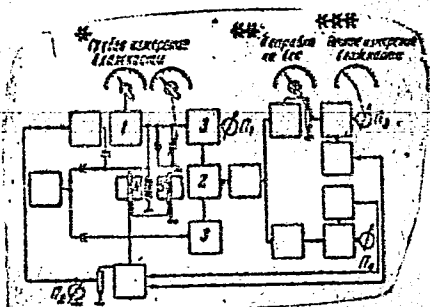
OTHER: 000

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L 45398-65

ACCESSION NR: AP5010943

ENCLOSURE: 01



\* Coarse moisture measurement  
\*\* Correction for weight  
\*\*\* Accurate moisture measurement

Fig. 1- Proton resonance hygrometer

1- high-Q regenerator; 2- comparison circuit;  
3- amplifier

Card 3/3

KOROL', V. Ya.

KOYBASH, V.A.; KOROL', V. Ya.; MUZYLEV, G.A., otvetstvennyy redaktor;  
RYKOV, N. A., redaktor; ANDREYEV, G.G., tekhnicheskiy redaktor

[The design of coal preparation plants] Proektirovanie ugleobogati-  
tel'nykh fabrik. Moskva, Ugletekhizdat, 1954. 198 p. [Microfilm]  
(Coal preparation) (MLRA 8:4)  
(Industrial buildings)

KOROL', V. Ya.

PA 19T104

USSR/Oscillographs

Dec 1946

"Two Channel Oscillograph," V. Ya. Korol', 2 pp

"Vestnik Svyazi - Elektro Svyaz'" No 12 (81)

The operation described makes it possible to adapt an ordinary oscillograph to a two-channel oscillograph without any internal modification. Schematic diagrams included.

19T104



AUTHOR: Korol', V. Ya. SOV/106-58-7-4/18  
TITLE: A Coaxial Reflectometer with Panoramic Matching Indicator (Koaksial'nyy reflektometr s panoramnym indikatorom soglasovaniya)  
PERIODICAL: Elektrosvyaz', 1958, Nr 7, pp 19 - 22 (USSR)

ABSTRACT: The instrument described may be used up to a frequency of 100 Mc/s and has a resolving capability of about 3%. The fundamental circuit is that of Figure 1 in which the generator is connected across the earthed diagonal of the bridge. The indicator is connected to the centre point of the resistances shared by the 2 diodes connected to the remaining corners of the bridge. The indicator circuit is shown in rather more detail in Figure 2. For satisfactory operation, the voltage applied to the bridge must be of the order of 1 V. The instrument is used as follows. The cable is connected to the bridge and terminated successively in open-circuit, short-circuit and nominal wave-resistance termination. For calibrating, resistances 5% above and below nominal wave-resistance are connected directly to the bridge. The results of such a procedure are shown in Figure 3.

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SOV/106-58-7-4/18

A Coaxial Reflectometer with Panoramic Matching Indicator

Figure 4 is a dynamic display in the range 50 - 90 Mc/s for a piece of RK-49 cable, 1.7 m long. Figure 5 shows a similar observation for a cable 20 m long. The behaviour of the cable when matched is shown rather more clearly in Figure 6. The frequency markers in Figures 5 and 6 are 10 Mc/s apart and the middle one is at 70 Mc/s. There are 6 figures.

SUBMITTED: January 28, 1958

Card 2/2

1. Reflectometers--Properties

KOYBASH, Valentin Alekseyevich; KOROL', Valentina Yakovlevna; LANDA, R.S., otv. red.; ROMANOVA, L.A., red.izd-va; LOMILINA, L.N., tekhn. red.

[Planning coal preparation plants] Proektirovanie ugleobogatitel'-nykh fabrik. Moskva, Gos.nauchno-tekhn. izd-vo lit-ry po gornomu delu, 1962. 327 p. (MIRA 15:4)

(Coal preparation)

KOROL', Ye.A.

Transitory myopia in conjunction with transitory glaucoma. Zdrav.  
Bel. 8 no.12:66-67 D '62. (MIRA 16:1)

1. Iz zheleznodorozhnoy bol'nitsy st. Baranovichi Belorusskoy  
zheleznoy dorogi (glavnyy vrach Ye.G.Al'khhimenok).  
(GLAUCOMA) (MYOPIA)

STURMAN, A.V., veter. vrach (Strashenskiy rayon, Moldavskaya SSR); BULGAKOV, Yu.N., veter. fel'dsher (Strashenskiy rayon, Moldavskaya SSR); KALNITSKIY, P.I., veter. vrach (Strashenskiy rayon, Moldavskaya SSR); OCHAKOVSKIY, Z.M., veter. vrach (Strashenskiy rayon, Moldavskaya SSR); GOTSENOGA, A.D. (Strashenskiy rayon, Moldavskoy SSR); ABRAMYAN, G.I., veter. vrach; MEKHTIYEV, M.G., veter. fel'dsher (s. Shirozlu, Vedinskogo rayona Armyanskoy SSR); KIRAKOSYAN, A.A., veter. vrach; GEORGIYEV, Yu.P., veter. vrach; LOMAKIN, A.M., nauchnyy sotrudnik; SHEPELEV, L.A., veter. vrach.; TARASOV, I.I., assistent; ROMASHKIN, V.M., veter. tekhnik; ANDRIYAN, Ye.A.; BARTENEV, V.S.; KOROL', Ye.I., veter. tekhnik; YEROSHENKO, A.K., aspirant; BANZEN, Ya.P.; SARAYKIN, I.M., prof.; ZHEVAGIN, A.N., veter. vrach; BUT'YANOV, D.D., veter. vrach (Klimovichskiy rayon, Mogilevskoy oblasti BSSR); SHALYGIN, B.V., veter. vrach (Klimovichskiy rayon, Mogilevskoy oblasti, BSSR); RYABOKON, G.T., veter. fel'dsher; MOVSUMZADE, K.K., prof.; DUGIN, G.L., aspirant; TITOV, G.I., nauchnyy sotrudnik; MEDVEDEV, I.G., veter. vrach.; ALIKAYEV, V.A.; ALLENOV, O.A., veter. vrach.

Prophylaxis and treatment of noninfectious diseases in calves and piglets. Veterinariia 40 no.2:40-47 F '63. (MIRA 17:2)

1. Ul'yanovskaya oblastnaya veterinarno-bakteriologicheskaya laboratoriya (for Sturman). 2. Kolkhoz imeni Kirova. Volokonovskogo  
(Continued on next card)

DERYUGIN, A.; LOMONOSOV, A.; KOROL', Yu., zasluzhennyy master sporta; GUSEV, Ye.; KARYAGIN, A.; ZINKEYEVA, G., master sporta; VINOGRADOV, A.; KHRISTOFOROV, G., master sporta; YUDIN, S.; POMIN, G., master sporta.

Our inquiry. Za rul. 15 no.4:2-3 Ap '57.

(MIRA 10:6)

1. Nachal'nik otdela avtomotosporta Komiteta po fizicheskoy kul'ture i sportu pri Sovete Ministrov SSSR (for Deryugin). 2. Predsedatel' Moskovskogo oblastnogo komiteta Dobrovol'nogo obshchestva sodeystviya armii, aviatsii i flotu (for Lomonosov). 3. Inzhener-mekhanik Leningradskogo Avtomotokluba (for Gusev). 4. Trener Dobrovol'nogo sportivnogo obshchestva "Trudovyye rezervy" (for Zinkeyeva). 5. Nachal'nik Moskovskogo Avtomotokluba (for Vinogradov). 6. Trener Tushinskogo Avtomotokluba Dobrovol'nogo obshchestva sodeystviya armii, aviatsii i flotu (for Khristoforov). 7. Nachal'nik i starshiy trener komandy TsSK MO (for Yudin).  
(Motorcycle racing)

KOROL', Yu., podpolkovnik

Out of a machine gun at a moving target. Pen. vest. 41 no.2:105-  
107 D '61. (MIRA 15:3)

(Shooting, Military)

KOROL', Yu., zasluzhenny master sporta

Return to the trade mark. Za rul. 20 no.9:20 S '62.  
(MIRA 15:9)

(Motorcycle racing)

КОРОЛ', Yu.M.

Technical operations used in machining toothings. Proizv.opyt  
v tiash.mash. no.3:45-49 '55. (MLRA 10:2)

(Steel castings) (Machine-shop practice)



KOROL'CHENKO, A., mayor.

Improving the individual training of soldiers. Voen.vest. 35  
no.5:67-68 My '55. (MIRA 9:7)  
(Russia--Army--Infantry)

KOROL'CHENKO, A., podpolkovnik.

Rifle company as standing flank protection. Voen. vest. 37 no.1:31-  
36 Ja '58. (MIRA 11:2)

(Infantry drill and tactics)

KOROL'CHENKO, A., podpolkovnik

Company holds a ridge. Voen. vest. 42 no.8:30-33 Ag '62.  
(MIRA 15:7)

(Attack and defense (Military science))

KOROL'CHENKO, G.A.

The iodine-binding ability of gamma-irradiated serum albumin. Trudy  
Stal.med.inst. 27:55-57 '57 (MIRA 11:9)

(GAMMA RAYS--PHYSIOLOGICAL EFFECT)

(BLOOD PROTEINS)

(IODINE IN THE BODY)

5(3)

AUTHORS: Zhdanov, Yu. A., Korol'chenko, G. A., SOV/20-122-5-17/56  
Uvarova, S. I.

TITLE: New Carbon-Substituted Derivatives of Glucose (Novyye  
uglerodzameshchennyye proizvodnyye glyukozy)

PERIODICAL: Doklady Akademii nauk SSSR, 1959, Vol 122, Nr 5,  
pp 811 - 813 (USSR)

ABSTRACT: In the past the authors had produced different derivatives mentioned in the title. They contained such radicals as naphthyl, tolyl, diphenyl, thienyl, phenetyl, p-anisyl and others (Ref 1). The organomagnesian synthesis proved to be a general method of production of such compounds. The paper under review describes the synthesis of o-anisyl-tetraacetyl-glucose and its bromine and nitric derivatives. The nitroderivative formerly produced of p-anisyl-tetraacetyl-glucose was reduced to the corresponding amine. Hydration in the presence of Reney nickel proved to be the best method of reduction; other methods (with zinc, iron

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New Carbon-Substituted Derivatives of Glucose

SOV/20-122-5-17/56

or tin) did not yield any clear results. The synthesized 3-amino-p-anisyl-tetraacetyl-glucose was turned into the corresponding benzoyl and toluene sulpho-derivatives. Their diazotized product had to undergo an azo-combination with aniline, phenol and  $\beta$ -naphthol. A paragraph on experiments with the usual data was added. There are 2 references, which are Soviet.

ASSOCIATION: Rostovskiy-na-Donu gosudarstvennyy universitet (Rostov-na-Donu State University)  
PRESENTED: June 4, 1958, by A.I.Oparin, Academician  
SUBMITTED: June 2, 1958

Card 2/2

ZHDANOV, Yu.A.; KOROL'CHENKO, G.A.; DOROFYENKO, G.N.; ZHUNGIYETU, G.I.

Some properties of the perchlorates of acetylated monosaccharides in the synthesis of O-glycosides. Dokl. AN SSSR 154 no.4:861-863 F '64. (MIRA 17:3)

1. Rostovskiy-na-Donu gosudarstvennyy universitet. Predstavleno akademikom B.A. Kazanskim.

ZHDANKOV, Yu.A.; KOROLICHENKO, G.A.

Nitro esters of C-substituted carbohydrates. Dokl. AN SSSR 137 no.2:  
333-334 1961. (MIRA 14:2)

I. Rostovskiy-na-Donu gosudarstvennyy universitet. Predstavleno  
akadomikom A.I. Oparinyam.  
(Carbohydrates)



L 31806-66 EWT(m)/EWP(j) RM

ACC NR: AP6021682

SOURCE CODE: UR/0079/66/036/003/0492/0494

AUTHOR: Zhdanov, Yu. A.; Dorofeyenko, G. N.; Korol'chenko, G. A.; Ozolin, A. E.ORG: Rostov on the Don State University (Rostovskiy-na-Donu gosudarstvennyy universitet) 42

13

TITLE: Condensation of D-glyceraldehyde with phosphoranes

SOURCE: Zhurnal obshchey khimii, v. 36, no. 3, 1966, 492-494

TOPIC TAGS: condensation reaction, aliphatic aldehyde, chemical synthesis, organic phosphorus compound, substituent, ester, nonmetallic organic derivative

ABSTRACT: A general method of synthesizing 1-C-aryl-substituted unsaturated pentuloses on the basis of the condensation of glyceraldehyde with benzoylmethyl-enetriphenylphosphorane and its derivatives is proposed. The preparation of four new unsaturated pentuloses is described. The ethyl ester of 4,5-D-dihydropentene-2-oic acid was obtained in the reaction of glyceraldehyde with carbethoxymethylene-triphenylphosphorane. Orig. art. has: 2 formulas. [JPRS]

SUB CODE: 07 / SUEN DATE: 05Feb65 / ORIG REF: 006 / OTH REF: 001

Card 1/1 LS

UDC: 547.451.1+547.341

ZHDANOV, Yu.A.; KOROL'CHENKO, G.A.

New syntheses of C-substituted carbohydrates. Dokl.  
AN SSSR 139 no.6:1363-1366 Ag '61. (MIRA 14:8)

1. Predstavleno akademikom A.I. Oparinym.  
(unclassified)

ZHDANOV, Yu.A.; KOROL'CHENKO, G.A.; DOROFEYENKO, G.N.

Catalytic deacetylation by means of perchloric acid in the  
carbohydrate series. Dokl. AN SSSR 143 no.4:852-854 Ap  
'62. (MIRA 15:3)

1. Rostovskiy-na-Donu gosudarstvennyy universitet. Predstavleno  
akademikom A.I.Oparinyam.  
(Acetyl group) (Carbohydrates) (Perchloric acid)

ZHDANOV, Yu.A.; DOROFYENKO, G.N.; KOROL'CHENKO, G.A.

Catalyzed acetylation of polyoxy compounds in the presence of  
magnesium perchlorate. Dokl. AN SSSR 144 no.5:1050-1052 Je  
'62. (MIRA 15:6)

1. Rostovskiy-na-Donu gosudarstvennyy universitet. Predstavleno  
akademikom A.I.Oparinym.

(Acylation)

ZHDANOV, Yu.A., doktor khim. nauk; DOROFEYENKO, G.N.; KOROL'CHENKO, G.A.;  
BOGDANOVA, G.V.; FEDOROVA, T.P., red.; SHVETSOV, S.V., tekhn.red.

[Laboratory work in carbohydrate chemistry] Praktikum po  
khimii uglevodov. Pod obshchei red. I.U.A. Zhdanova. [p.p.]  
Rozvuzisdat, 1963. 119 p. (MIRA 16:6)  
(Carbohydrates)

ZHDANOV, Yu.A.; KOROL'CHENKO, G.A.; DOROFEYENKO, G.N.; BOGDANOVA, G.V.

Synthesis of new C-glycosides. Dokl. AN SSSR 152 no.1:102-105  
S '63. (MIRA 16:9)

1. Rostovskiy-na-Donu gosudarstvennyy universitet. Predstavleno  
akademikom A.I.Oparinym.

(Glycosides)

KOROL'CHUK, A. G.

6661. Stanok dlya pravki tolstoy provoloki. [M.], 1954. 6 s. s chert. 26 sm. (iz-vo elektrotekhn. prom-sti SSSR, Tsentr. byuro tekhn. informatsii. Obmen opytom v elektroekhn. prom-sti, No. 23). 1500 Ekz. B. ts.--Sost. ykazan v kontse teksta-- Bez tit. L. i obl.--55-384zh/ 621. 982

SO: KNIZHANYA LETOPIS' NO. 6, 1955

KIMMEL', I.Ya.; KOROL'CHUK, A.G.; AYZENBERG, I.S.

Mechanizing the preparation of the mould mixture. Lit.proizv. no.2:  
12 F '55. (MIRA 8:4)  
(Pattern making)



KRAYUSHKIN, V.P., kand. sel'khoz. nauk; KOROL'CHUK, V.M., red.; SAGITOVA,  
S.G., tekhn. red.

[Green fallows and their economic significance in the Tatar A.S.S.R.]  
Zaniatye pary i ekonomicheskoe ikh znachenie v Tatarskoi ASSR. Ka-  
zan', Tatarskoe knizhnoe izd-vo, 1960. 56 p. (MIRA 14:9)  
(Tatar A.S.S.R.—Fallowing)

DEMIDOVICH, A.F., prof., doktor sel'khoz. nauk; KOROL'CHUK, V.M., red.;  
NABIULLINA, R.S., tekhn. red.

[Methods for potato breeding and seed production] O metodakh selektsii i semenovodstva kartofelia. Kazan', Tatarskoe knizhnoe izd-vo, 1960. 57 p. (MIRA 14:10)  
(Potato breeding)

YUSHKOV, S.F.; KOROL'CHUK, V.P.

Changes in the sorption properties of the mucous membrane of the gastrointestinal tract in rats to vital dyes during the use of sarcosine. Vopr. onk. 9 no.4:86-91 '63. (MIRA 17:9)

1. Iz laboratorii eksperimental'noy khimioterapii (zav. - chlen-korrespondent AMN SSSR prof. L.F.Larionov) Instituta eksperimental'noy i klinicheskoy onkologii AMN SSSR (dir. - deystvitel'nyy chlen AMN SSSR prof. N.N.Blokhin). Adres avtorov: Moskva, I-110, ul. Shchepkina, 61/2, korpus 9, Institut eksperimental'noy i klinicheskoy onkologii AMN SSSR.

VALIULLIN, A.V.; QIL'MANOV, I.G.; KHASANOV, Kh.Kh.; KOROL'CHUKA, V.M.,  
red.; LODVIKOVA, A.S., red. izd-va; NABIULLINA, R.S., tekhn.  
red.

[Fruit culture of the Tatar A.S.S.R.] Sadovodstvo Tatarskoi ASSSR.  
Kazan', Tatarskoe knizhnoe izd-vo, 1960. 279 p. (MIRA 14:9)  
(Tatar A.S.S.R.—Fruit culture)

KOROLCOWNA, Hanna

Application of the limnograph in studies on the vertical movements of the ice cover. Przegl geogr 36 no. 2:319-325 '64.

1. Field Research Station in Mikolajki, Institute of Geology, Polish Academy of Sciences.

KOROLEV, I.I., inzh.-konstruktor

Mechanized swine house for weaned piglets. Inform. biul. VDNKH  
no.11:24-25 N '63 (MIRA 18:1)

1. Vserossiyskiy nauchno-issledovatel'skiy institut mekhaniza-  
tsii i elektrifikatsii sel'skogo khozyaystva.

MIRONOV, P.N.; KOROLENKO, A.A., dotsent, zavednyushchiy; KHARKEVICH, Yu.A., glavnyy  
vrach.

Treatment of balantidiasis. Terap.arkh. 25 no.3:43-48 My-Je '53.  
(MLRA 6:9)

1. Terapevticheskoye otdeleniye Tomskoy gorodskoy klinicheskoy bol'nitsy.  
(Balantidiasis)

KOROLENKO, A.B. (Moskva)

Teaching the first two topics of the ninth-grade physics course.  
Fiz. v shkole 23 no.4:72-74 J1-Ag '63. (MIRA 17:1)



KUBYSHKIN, V.F.; KOROLENKO, A.B.

Contractile capacity of the myocardium in primary and recurrent  
rheumatic carditis based on polycardiographic and dynamocardiographic  
data. Sov. med. 28 no.1:36-41 Ja '65. (MIRA 1965)

1. Kafedra hospital'noy terapii (rav. - dotsent V.I. Gomerantsev);  
Tritenskogo fakul'teta Krymskogo meditsinskogo instituta,  
Simferopol'.

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