

POLAND / Organic Chemistry. Natural Compounds  
and Their Synthetic Analogs.

G-3

Abs Jour: Ref Zhur-Khimiya, No 23, 1958, 77856.

Author : Taschner, E., Kupryszewski, G., and Liberek, B.  
Inst : Not given.  
Title : On the Selective Cleavage of Ester Groups in  
N-acylated Amino Acids and Peptides During  
Acidolysis.

Orig Pub: Roczniki Chem, 30, No 2, 643-646 (1956) (in Polish with an English summary).

Abstract:  $C_6H_5CONHCCH_2COOR$  (I), where R =  $CH_3$ ,  $C_2H_5$ ,  
 $CH(CH_3)_2$ , or  $CH_2C_6H_5$  (Ia), as well as the  
ester of the peptide  $\text{sic}^7 C_6H_5CONHCCH_2CONHCH-$   
 $(COOCH_3)CH_2C_6H_4OH$  4 are selectively cleaved  
at the ester group at about  $20^\circ$  after 4-6 days

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Abs Jour: Ref Zhur-Khimiya, No 23, 1958, 77856.

Abstract: in  $\text{CH}_3\text{COOH}$  and HBr (1 mol I per 1.5 mol HBr).  
2-, 3-, or 4-,  $\text{CH}_3\text{CONHC}_6\text{H}_4\text{COOR}$  are not cleaved  
under the above-indicated conditions, while  
 $\text{C}_6\text{H}_5\text{COOR}$  is cleaved with difficulty and  $\text{C}_6\text{H}_5\text{CH}_2\text{COOR}$   
is cleaved relatively easily. The formation  
of  $\text{C}_6\text{H}_5\text{CH}_2\text{OCOCH}_3$  in the reaction with Ia in-  
dicates that the acidolysis is effected by  $\text{CH}_3$   
 $\text{COOH}$  (the presence of small amounts of water has  
no practical effect on the course of the reaction.  
-- V. Skorodumov.

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POLAND / Organic Chemistry. Synthetic Organic Chemistry. G

Abs Jour: Ref Zhur-Khimija, No 18, 1958, 60880.

Abstract: added to 3.06 g of I, 10 ml of CHCl<sub>3</sub>, and 7 ml of 92%-ual H<sub>2</sub>SO<sub>4</sub>. II is obtained, yield 80%. A little III, melting point 50 to 53°, is separated by evaporation from mother liquors after the separation of II. 1/3 of the mixture of 32 g of ethylmalonate and 24 ml of water-free alcohol is added drop by drop to 5.34 g of Mg shavings moistened with 0.5 ml of CCl<sub>4</sub>. After the reaction end, the remaining mixture is added drop by drop and all is heated 1 hour in a water bath. 50 ml of ether are added and the heating is continued for 1.5 hour, after which the solution of 25.5 g of (CH<sub>3</sub>CO)<sub>2</sub>O in 50 ml of ether is added. All is

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POLAND / Organic Chemistry. Synthetic Organic Chemistry. G

Abs Jour: Ref Zhur-Khimija, No 18, 1958, 60880.

Abstract: heated 1 hour to the boiling point and left to age 24 hours. Ether is distilled off, 60 ml of water is added, and 20 g of copper acetate and 50 g of sodium acetate in 400 ml of water are poured into the solution. The precipitate of copper enolate is treated with 50 ml of ether and a solution of 5 ml of H<sub>2</sub>SO<sub>4</sub> in 200 ml of water. The aqueous solution is extracted with ether. I mm, and 120°/18 mm, yield 75%, boiling point 90°/3 to 5

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POLAND / Organic Chemistry. Natural Substances and  
their Synthetic Analogues.

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Abs Jour: Ref Zhur-Khimiya, No 20, 1958, 67666.

**Abstract:** benzoic acid. An analogical reaction was conducted by heating acetanilide with  $\text{C}_\text{Cl}_3\text{COOH}$  that yielded 80% of trichloracetanilide. Application of this reaction to the peptides showed that N-benzol-DL-lycylglycine breaks down into N-benzyoyl-DL-lycine (87% yield) and N-acetylglycine, while hippurylglycine, phthaloyl-DL-phenylalanylglycine and phthaloylglycine-DL-phenylalanine do not enter reaction. The described overacylation reaction may be presented by the following general formula:  
 $\text{R}'\text{CONHR} + \text{R}''\text{COOH} \rightleftharpoons \text{R}''\text{CONHR} + \text{R}'\text{COOH}$ .

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POLAND/Organic Chemistry. Synthetic Organic Chemistry.

G

Abs Jour: Ref Zhur-Khim., No 23, 1958, 77532.

Author : Kocor, Marian; Taschner, Emil; Mejer, Stanislaw.

Inst :

Title : Concerning the Salts of Ethyl Ester of Nitroacetic Acid with Amines.

Orig Pub: Roczn. chem., 1957, 31, No 3, 1037-1039.

Abstract: Ethyl ester of nitroacetic acid produces salts with relatively strongly basic amines, during mixing of solutions of equimolar amounts of components in ether and petroleum ether. The following salts of ethyl ester of nitroacetic acid were prepared (the amines and the melting points of salts in °C are given): cyclohexylamine, 113 to 114; iso-propylamine, 100 to 101; benzylamine, 132 to 133;

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POLAND/Organic Chemistry. Natural Products and Their  
Synthetic Analogues.

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Abs Jour: Ref Zhur-Khim., No 24, 1958, 81769.

Author : Kocor M., Mejer S., Taschner E.

Inst : Acad. polon.

Title : Acylation of Steroid Alcohols with Diacylamides.

Orig Pub: Bull. Acad. polon. sci. Ser. sci. chim. geol. et geogr.  
1958, 6, No 1-4, I.

Abstract: A description is given for the acylation of steroid alcohols with the aid of  $(CH_3CO)_2NH$  (I) and  $(C_6H_5CO)_2NH$  (II) in the presence of  $p\text{-C}_6H_5SO_3H$  (III) and other acids as catalysts as the result of which the acetates and benzoates of the corresponding steroids were obtained. The possible mechanism of this reaction is discussed. A mixture of 0.5 m moles of

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POLAND/Organic Chemistry. Natural Products and Their  
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Abs Jour: Ref Zhur-Khim., No 24, 1958, 81769.

water and 2 N NaOH, and one obtains (given is steroid, yield of benzoate in %, m.p. in °C. of the latter): IV, 81, 149-150; V, 90, 248-251; androsterone, 80, 172-174; epiandrosterone, 95, 212; 3-acetate  $\Delta^5$ -androstendiole  $3\beta$ , 17 $\alpha$ , 80, 172-174. The comparative results in regard to the application of the various acids as catalysts in the described acylation reaction (in the above mentioned amounts) are cited (given is acid, its amount in milligrams, yield of IV acetate in % and yield in % of IV benzoate): CCl<sub>3</sub>COOH, 10, 0, 0; 85% H<sub>3</sub>PO<sub>4</sub>, 40, 0, 0; H<sub>2</sub>SO<sub>4</sub>, 20, 62, 48; HNO<sub>3</sub>, 10, 93, 81.

Card : 3/3

SOKOLOWSKA,T.; KUPRYSZEWSKI,G.; TASCHNER,E.

New method of synthesis of peptides via  $\alpha$ -protected symmetrical anhydrides of aminoacids. Bul Ac Pol chim 6 no.2:89-91 '58  
(EHAJ 9:6)

1. Department of General Chemistry, Institute of Technology,  
Gdansk. Communicated by T.Urbanski.  
(Peptides) (Anhydrides) (Amino acids)

POLAND/Organic Chemistry. Synthetic Organic Chemistry.

G

Abs Jour: Ref Zhur-Khim., No 2, 1959, 4658.

Author : Mejer, S., Kocor, M., and Taschner, E.

Inst :

Title : The Use of Dianhydrides in the Acylation of  
Amines.

Orig Pub: Roczniki Chem, 32, No 2, 277-282 (1958)  
(in Polish with summaries in English and Russian).

Abstract: By heating  $\text{ArNH}_2$  (I) with an excess of  $(\text{RCO})_2\text{NH}$  (II)  
where R =  $\text{CH}_3$  (IIa) or  $\text{C}_6\text{H}_5$  (IIb), the authors  
have prepared compounds of the general structure  
 $\text{ArNHCOR}$  (III), where R =  $\text{CH}_3$  (IIIa) or  $\text{C}_6\text{H}_5$  (IIIb),  
and  $\text{RCO}_2\text{NH}_2$ . The reaction proceeds both in the  
presence and in the absence of a solvent as well  
as in the presence and in the absence of the cata-

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POLAND/Organic Chemistry. Synthetic Organic Chemistry.

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Abs Jour: Ref Zhur-Khin., No 2, 1959, 4658.

is carried out without a solvent in the absence of IV and in the presence of 0.5 me IV are given below:  
aniline (Ia), 55-65, 67, 96, --; o-toluidine (Ib),  
17-20, 60, 44, 61; m-toluidine (Ia), 40-47, 78, --,  
--; p-toluidine (Id), 67-70, 81, --, --; 2-C<sub>1</sub>C<sub>6</sub>H<sub>4</sub>NH<sub>2</sub>  
(Ie), 19, 85, --, --; 4-C<sub>1</sub>C<sub>6</sub>H<sub>4</sub>NH<sub>2</sub> (If), 69-70, 95,  
--, --; 2-NO<sub>2</sub>C<sub>6</sub>H<sub>4</sub>NH<sub>2</sub> (Ig), 0, 0, 0, 5; 3-NO<sub>2</sub>C<sub>6</sub>H<sub>4</sub>-  
NH<sub>2</sub> (Ih), 31-36, 50, 76, 84; 4-NO<sub>2</sub>C<sub>6</sub>H<sub>4</sub>NH<sub>2</sub> (Ii),  
8, 72-75, 69, 89; 2-NH<sub>2</sub>-C<sub>6</sub>H<sub>4</sub>COOH (Ij), 21-26,  
27, --, 28; 3-NH<sub>2</sub>C<sub>6</sub>H<sub>4</sub>COOH (Ik), 70, 78, --, 78;  
4-NH<sub>2</sub>C<sub>6</sub>H<sub>4</sub>COOH (Il), 28, 38, --, 78;  $\alpha$ -naphthylamine  
(In), 13, 40, 16, 70;  $\beta$ -naphthylamine (Io), 55, 85,  
--, 86; cyclohexylamine (Io), 46, 46, 48, 50. 1 mmol  
of I and 2 mmol IIb in 4 ml V or in the absence of IV are  
heated 7 hrs at 130-140°, the V is evaporated to dryness,

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POLAND/Organic Chemistry. Synthetic Organic Chemistry.

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Abs Jour: Ref Zhur-Khim., No 2, 1959, 4658.

4-CH<sub>3</sub>C<sub>6</sub>H<sub>4</sub>SO<sub>3</sub>H, 72, 54-66; IV, 72-75, 62-70; H<sub>2</sub>SO<sub>4</sub>,  
22-23, 72-76. -- V. Skorodunov.

Card : 5/5

Country : Poland

G-3

Category :

45972

Abs. Jour :

Author :  
Institut. :  
Title :

Orig Pub. :

Abstract : the volume of pyridine in ml, the name of the peptide, yield in %, and mp in °C are given below: phthalylglycine (Ia), HC of the methyl ester (ME) of glycine (IIa), 5,5,10, ME of phthalyl-glycyl-glycine, 79, -; Ia, HC of ME of DL-Leucine, 10, 10, 10, ME of phthalylglycyl-DL-leucine, 54, 165-166 (from ethyl acetate - petroleum ether); phthalyl-DL-leucine, HC of the ethyl ester of glycine, 2,2,4, ethyl ester of phthalyl-DL-leucyl glycine, 52, -; Ia, HC of ME

Card: 2/4

Country : Poland

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Abs. Jour :

45977

Author :  
Institut. :  
Title :

Orig Pub. :

Abstract : anhydride in yields of 75%. The reaction pro-  
ceeds without racemization. Carbobenzoxypeptides  
cannot be synthesized by the above procedure.

A. Krayevskiy

Card: 4/4

COUNTRY : Poland  
CATEGORY :

ABS. JOUR. : Akhim., v.o. 22 1959, No.

78750

AUTHOR :  
ENST. :  
TITLE :

ORIG. PUB. :

ABSTRACT : solution of  $\text{Na}_2\text{CO}_3$ , and acidified. The yield of N-acylated acids or of dipeptides is 80-90%. The authors have confirmed that the degree of cleavage is independent of the nature of the alcohol residue. The esters of N-phthalyl- and  $\text{N},\text{N}'$ -dibenzoylating acids form an exception: the cleavage of the methyl ester of phthalylglycine attains 89%, while that of the ethyl ester is only 55%; the ethyl ester of  $\text{N},\text{N}'$ -dibenzoylglycine is not cleaved, apparently because of steric

CARD: 2/4

COUNTRY : Poland

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ABS. JOUR. : RZhKhim., No. 22 1959, No.

78750

AUTHOR :

JRNP. :

TITLE :

ORIG. PUB. :

ABSTRACT : RZhKhim, 1959, No 13, 45977) gives hippuryl-DL-leucine, yield 83%, mp 152°, and phthalyl-DL-phenylalanylglycine, yield 85%, mp 161-162° (both from water).

R. Toponiteyn

CARD: 4/4

TASCHNER, E.; KUPRYSZEWSKI, G.; UMINSKI, T.; BOROWSKI, E.

Investigations on the mechanism of the  $\text{H}$ -transacylation reaction  
by means of  $^{14}\text{C}$  labelled acetic acid. Bul.Ac.Pol.chim. 7 no.12:  
867-869 '59. (EPAI 9:5)

I. Department of General Chemistry, Technical University, Gdańsk.  
II Department of Physics, Technical University, Gdańsk.  
(Acylation) (Acetic acid) (Carbon) (Radioisotopes)

TASCHNER, E.; KUPRYSZEWSKI, G.

Racemization in the  $\text{N}$ -transacylation reaction and a study of its course by means of  $^{14}\text{C}$  acetic acid. *Bul.Ac.Pol.chim.* 7 no.12: 871-872 '59. (EEAI 9:5)

(Racemization) (Acylation) (Acetic acid) (Radioisotopes)  
(Carbon)

TASCHNER, E.; WASIMLEWSKI, C.; KUPHYSZEWSKI, G.; UMINSKI, T.

Investigations on the reaction mechanism of O-acidolysis by means of  
 $^{114}\text{C}$  acetic and propionic acids. Bul.Ac.Pol.chim. 7 no.12:873-875 '59.  
(EPAI 9:5)

(Acetic acid) (Propionic acid) (Hydrolysis)  
(Carbon) (Radioisotopes)

TASCHNER, E.; LIBERK, B.

On splitting of the esters of carboxylic acids with lithium salts  
and on the mechanism of this reaction. Bul.Ac.Pol.chim. 7 no.12:  
877-880 '59. (MEAI 9:5)

(Esters) (Carboxylic acids) (Lithium)

TASCHNER, E.; CHIMIAK, A.

Splitting of amide and peptide bonds of dinitrophenylpeptides by  
means of anhydrous trifluoroacetic acid. Bul chim PAN 8 no.8:  
423-427 '60. (EPAI 10:9/10)

1. Department of General Chemistry, Institute of Technology, Gdansk.  
Presented by T. Urbanski.

(Amide) (Peptides) (Nitrophenyl group)  
(Fluoroacetic acid)

TASCHNER, E.; CHIMIAK, A.; BATOR, B.; SOKOLOWSKA, T.

Preparation of t-butyl esters from free amino acids. Coll Cz Chem  
27 no.9:2234 S '62.

1. Department of General Chemistry, Institute of Technology, Gdansk,  
Poland (for Taschner).

APPROVED FOR RELEASE: Thursday, September 26, 2002

CIA-RDP86-00513R001755020017-3"

TASCHNER, E.; RZESZOTARSKA, B.; BIERNAT, J.F.; GRUDZINSKI, S.

New methods for the synthesis of monoesters of aspartic and glutamic acids. Coll Cz Chem 27 no.9:2234-2235 S '62.

1. Department of General Chemistry, Institute of Technology, Gdansk,  
Poland (for Taschner).

TASCHNER, E.; BLOTNY, J.

Phthalimide acid esters of tertiary alcohols. Coll Cs Chem 27 no.9:  
2295 S '62.

1. Department of General Chemistry, Institute of Technology, Gdansk  
Poland (for Taschner).

TASCHNER, E.; CHIMIAK, A.; BIERNAT, J.F.; WASIELEWSKI, C.

*μ*-t-butyl monoesters of carbobenzoxyamino-dicarboxylic acids and  
their application in the synthesis of dipeptides. Coll Cs Chem 27  
no.9:2237 S '62.

1. Department of General Chemistry, Institute of Technology, Gdansk  
Poland (for Taschner).

TASCHNER, E.; SOKOLOWSKA, T.; BIERNAT, J.F.

Synthesis of ophthalmic and norophthalmic acids. Coll Cz Chem 27  
no.9:2237-2238 S '62.

1. Department of General Chemistry, Institute of Technology, Gdansk,  
Poland (for Tachner).

RZESZOTARSKA, B.; TASCHNER, E.; WASIELEWSKI, C.

Synthesis of glycyl- $\alpha$ -glutamyl-alanyl- $\alpha$ -glutamyl-aspartic acid,  
a fragment of bovine corticotropin. Coll Cz Chem 27 no.9:2238-2239  
S '62.

1. Department of General Chemistry, Institute of Technology, Gdansk,  
Poland (for Taschner).

TASCHNER, Emil; KUPRYSZEWSKI, Gotfryd

Application of the N-acidolysis reaction for cleavage of peptide bonds. Roczn. chemii 36 no.1:63-72 '62.

1. Department of General Chemistry, Institute of Technology,  
Gdansk.

TASCHNER, E.; BLOTNY, G.; BATOR, B.; WASIELIEWSKI, C.

Amino acids and peptides. Pt.12. Bul chim PAN 12 no.11:755-  
759 '64.

1. Department of General Chemistry of Gdansk Technical University.  
Submitted August 3, 1964.

TASCOV, Gh., lector (Cluj)

Some aspects of the correlation in teaching geography,  
political economy. and scientific socialism in the gen-  
eral education school. Natura Geografie 16 no. 2: 50-55  
Mr-Ap '64.

TASCOV, Gh., lector (Cluj)

A method for consolidation of knowledge about conventional signs  
for pupils in grades 5-7. Natura Geografie 16 no.6:49-50 N-D  
'64.

STOLAN, I.; TASCU, D. (Medgidia)

Demonstrating the piezoelectric phenomenon; the diode; the diode with rectifiers; the triode; the triode as a forced oscillation generator. Gaz mat B 14 no.8:465-466 Ag '63.

CRACIUN, B., prof.; VELIU, V.; TASCA, C.; MARES, Viorica

On some biomorphological factors in geriatrics. Humanian M.  
Rev. 3 no.3:20-21 J1-S '59.  
(GERIATRICS)  
(METABOLISM in the old)

TASEV, A.

Effect of conditions of operation and materials on serviceability of automobiles.  
p.27.  
(TRANSPORTNO DMLO Vol. 7, no. 6, 1955, Sofiya)

SO: Monthly List of East European Accessions, (MEAL). LC, vol. 4, No. 11,  
Nov. 1955, Unclassified.

TASEV, A.

Influence of road conditions upon automobile transportation. p. 46.

TRANSPORTNO DELO. Vol. 8, no. 2, 1956

Sofia, Bulgaria

SOURCE: East European Accessions List (EEAL) Library of  
Congress, Vol. 6, No. 1, January 1957

STOEV, B.; TASEV, A.; ZASHEV, M.

The hard-alloy armored dies. Tekhnika Bulg 12 no.2:28-30 '63.

1. Zavod za tokoizpraviteli v Pernik.

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CIA-RDP86-00513R001755020017-3

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CIA-RDP86-00513R001755020017-3"

TASEV, Boris; RIDZHAKOVA, Olga, inzh.

Organization of the working site, an important precondition  
for increased labor productivity in polygraphic enterprises.  
Trud tseni 6 no. 2:54~59 '64.

TASEV, Ivan

The urbanization problems of agricultural co-operatives Skopje Zadruzen zivot, 1950.

70 p. (52-21673)

S268.M3T3

TASEV, Kh.

Acute abdomen in old age. Khirurgija (Sofia) 16 no.5:437-443  
'63.

1. Okruzhna bolnitsa "D-r St. Iliev" - Mikhailovgrad. Gl.  
lekar: D. Naidenov.  
(ABDOMEN, ACUTE) (GERIATRICS)

TASEV, Kh.

Periappendicular infiltrates and the surgical technic in their treatment. Khirurgia (Sofia) 17 no.3:341-346 '64.

1. Okruzhna bolnitsa "Dr. St. Iliev", Mikhailovgrad (Gl. lekar: D. Naidenov).

TASEV, Kh.

Clinical observations on the treatment of wounds with Vulnczan.  
Khirurgiia 17 no.2:163 '64.

1. Iz Katedrata po bolnič'na khirurgiia pri VMI [Viash  
meditsinski institut] - Sofiia.

STANCHEV, G., dotsent; TASEV, Khr.

Our experience with surgical treatment of diseases of the liver,  
biliary tract and pancreas in old age. Khirurgiia 17 no.2:  
222-224 '64.

1. Iz Katedrata po bolnichna khirurgiia pri ISUL [Institut  
za spetsializatsiia i usuvurshenstvuvane na lekarite].

TASEV, Khr.

Median and lateral congenital cysts and fistulae of the neck  
and their surgery. Khirurgiia (Sofiia) 18 no.5:565-571 '65.

1. Katedra po bolnichna khirurgiia (rukovoditel - prof.  
K. Stoianov), Institut z spetsializatsiia i usuvurshen-  
stvuvane na lekarite, Sofiia.

TASEV, N.

Results of the treatment of focal infection in certain intranal diseases; clinical considerations. Suvrem.med., Sofia. 5 no.10: 78-83 1954.

1. Iz Prodevtichnata vutreshna klinika pri Meditsinskata akademia  
Vulko Chervenkov, Sofia (direktor: prof. Iv. Ionkov)  
(FOCAL INFECTION, therapy)

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CIA-RDP86-00513R001755020017-3"

TASEV, N.

"Our Experiences in the Prevention of Scarlet Fever." p. 3,  
(ZDRAVEN FRONT, No. 42, Oct. 1954, Sofiya, Bulgaria)

SO: Monthly List of East European Accessions, (EEAL), LC, Vol. 4  
No. 5, May 1955, Uncl.

TASEV, N.

"Successes in the Prevention of Diphtheria." p. 3,  
(ZDRAVEN FRONT, No. 51, Dec. 1954, Sofiya, Bulgaria)

SO: Monthly List of East European Accessions, (EAL), 1C, Vol. 4  
No. 5, May 1955, Uncl.

TASEV, N.A.

Origin and diagnostic significance of an auscultation phenomenon  
in examination of the heart. Suvrem.med., Sofia 6 no.3:57-59 1955.

1. Iz XIII poliklinika - Sofiia.  
(CARDIAC MURMURS AND SOUNDS,  
systolic murmurs, diag. value)

TASEV, P.

BULGARIA / Chemical Technology. Chemical Products and H  
Their Application. Synthetic Polymers.  
Plastics.

Abs Jour: Ref Zhur-Khimiya, No 9, 1959, 33275.

Author : Gudev, N., Tasev, P.

Inst : Not given.

Title : The Use of Plastics in the Construction Industry  
and the Possibilities of Their Application in  
Bulgaria.

Orig Pub: Stroitelstvo, 1958, 5, No 4, 25-28.

Abstract: At the present time, the cost of house building  
from plastics (P) is more expensive than from or-  
dinary building materials (in Western Germany and  
in Italy, about twice as much), but in the near  
future it is proposed to increase the competitive-  
ness of P in construction. In the Bulgarian in-

Card 1/2

TASEV, R

Inflammation of the site of insertion of tendons. Khirurgia, Sofia  
8 no.5:404-409 '55.

1. II gradска обединена болница Гл. Лекар: A.I. Krustev  
(MUSCLES, diseases,  
inflammat. of site of insertion of tendons

ZAKHARIEV, K.; TASEV, R.

Diagnosis and surgical intervention in choledocholithiasis.  
Svrem. med., Sofia 7 no.6:59-63 1956.

1. Iz II gradска обединена болница - София. (Gl. лекар:  
A I. Krustev).

(CHOLELITHIASIS,  
choledocholithiasis, diag. & surg. (Bul))

TASEV, R.

Ligation of vena cava caudalis during right nephrectomy. Khirurgija,  
Sofia 10 no.6:551-552 1957.

I. (Iz Khirurhicheskogo otdeleniya na P gradskaya obedinennaya bolnitsa --  
Sofia)

(NEPHRECTOMY,  
with ligation of vena cava caudalis (Bul))

(VENAE CAVAE, surz.  
ligation of vena cava caudalis in right nephrectomy (Bul))

TASEV, R.; POPSTOIANOV, S.

Radical surgical treatment of fistula of the abdominal wall after laparotomy. Khirurgiia, Sofia 11 no.3:231-237 Mar 58.

1. II Gralska obedinena bolnitsa--Sofia Gl. Lekar; Al. Krastev.  
(ABDOMINAL WALL, fistula  
after laparotomy, surg. (Bul))  
(ABDOMEN, surgery.  
laparotomy, postop. fistula of abdom. wall, radical repair  
(Bul))

TASEV, R.

Causes of the recurrence of hernia. Khirurgiia, Sofia 12 no.12:  
1063-1067 '59.

1. Treta gradска обединена болница - Sofia. Gl.lekar: Al.Krustev.  
(HERNIA)

TASEV, R.

Cholelithiasis as precancer. Khirurgia, Sofia 13 no.2-3:179-180  
'60.

1. Iz khirurgichnoto otdelenie pri III gr. bolnitsa - Sofiia.  
(CHOLELITHIASIS pathol.)  
(BILIARY TRACT neopl.)

TASEV, R.

Late permanent results of hemicolectomy and resection of the  
large intestine in carcinoma. Khirurgiia (Sofia) 16 no.4:  
351-353 '63.

1. Treta gradska obedinena bolnitsa - Sofia. Gl. lekar:  
Al. Krustev.  
(COLONIC NEOPLASMS) (SURGERY, OPERATIVE)

TASEV,R.; STOIANOV,I.

A case of Hashimoto's lymphomatosa. Khirurgiia (Sofia) 17  
no.1:114-116 '64

1. Iz khirurgichnoto otdelenie na II gradska obedinena bol-nitsa, Sofia.

\*

RUMANIA

IONESCU, D., Veterinary Physician; SASU, V., Veterinary Physician; MAGIU,  
N., Veterinary Physician; SASU, Elena, Veterinary Physician; and TASCA, S.,  
Veterinary Physician, Faculty of Veterinary Medicine (Facultatea de medici-  
cina veterinara) Iassi

"Aspects of Acute Experimental Poisoning with Heclotox, Detox and Duplitox  
in Animals"

Bucharest, Revista De Zootehnice si Medicina Veterinara, Vol 16, No. 7  
June 1966; pp 62-70

Abstract: [English summary modified] Study of toxicity of Heclotox (gamma-hexachlorocyclohexane with 3% lindane); Detox (DDT 25%) and Duplitox (3.5% DDT and 0.5% lindane) in sheep, rabbits and guinea pigs in varying peroral doses. Both by the lethal dose and by the effect on hematologic data and histopathology, sheep were much more resistant to all three of these preparations on a mg/kg basis than the other two species. 3 tables, 7 Rumanian references.

1/1

TASEV, Taso, A., Prof. Dr.; GENOV, G., Dr., (tudomanyos kutato)

Human hepatitis distomiasis in Bulgaria. Orv. hetil. 99 no.23:770-773  
8 June 58.

1. A Szofiai Orvostovabbkepzo Intezet Gastroenterologai es Dietetikai  
Intezetenek (Vezeto: prof. Taso A. Tasev dr.) kozlemenye.  
(DISTOMIASIS, epidemiol.  
in Bulgaria, hepatic distomiasis (Hun))  
(LIVER DISEASES, epidemiol.  
distomiasis in Bulgaria (Hun))

TASEV, T.

On Meniere's disease. Khirurgiia, Sofia 13 no.11:979-984 '60.

1. Transportna bolnitsa, Sofia. Gl.lekar: G.Cheshmedzhiev.  
(MENIERE'S DISEASE case reports)

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Fibrous maxillo-mandibular contracture following surgery of  
a periodontal cyst. Khirurgiia 15 no.8:777-778 '62.

1. Iz ushlo-nosno-gurleno otdelenie pri Transportnata bolnitsa -  
Sofiia.

(PERIODONTAL DISEASES) (CONTRACTURE)  
(CYSTS) (MAXILLA) (MANDIBLE)

TASEV, T.

Malignant degeneration of atheroma of the external auditory canal. Khirurgiia (Sofia) 16 no.12:1128-1129 '63.

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TASEVA, Olga

Physics in Bulgarian secondary schools after September 9, 1944.  
Mat i fiz Bulg 7 no.4:22-28 Jl-Ag '64.

TASFI, I.; SZAKALL, K.

Purification of the water of the Danube River at Gyor, p. 500.

MAJYAR EPITOIHAR. (Építészeti Tudományos Szövetség) Budapest, Hungary.  
Vol. 8, no. 10, Oct. 1959.

Monthly List of East European Accessions (EEAI) LC, Vol. 9, no. 1, Jan. 1961.

U ncl.

HORVATH, Imre, mernok, tudomanyos munkatars; TASFI, Laszlo, mernok

Hydraulic examination of air-blasted sand traps. Vizugyi  
kozl no.3:468-472 '64.

1. Scientific Research Institute of Water Resources Deve-  
lopment, Budapest (for Horvath). 2. Deputy Division Chief,  
Civil Engineering Designing Enterprise, Budapest (for Tasfi).

1. TASHAEVA. A. G.
2. USSR (600)
4. Generative Organs, Female - Diseases
7. Female genitalia and brucellosis Akush. i gin no. 6 1952

Monthly Lists of Russian Accessions, Library of Congress, March, 1953, Unclassified.

VECHTOMOV, M.I., inzh.; KUDRYAVTSEV, V.A., inzh.; MALKES, D.A., inzh.;  
OSTROVSKIY, G.I.; POVERENNNYY, L.D.; SUSHKOV, P.M., inzh.;  
TYULENEV, N.Z., inzh. Prinimali uchastiye: GALYAMOVA, N.S., inzh.;  
PUTEYEVA, N.P.; IZRAYLOVICH, Ye.A., inzh.; MARCHENKO, G.A., inzh.;  
MALYGINA, Z.S.; SOKOLOVA, Yo.A.; SOKOV, V.N., inzh.; TARASOVA,  
S.N.; TASHAYEV, A.L., inzh.; FILIMONOV, S.V.; DRALICH, K.F., inzh.,  
nauch. red.; NOVITCHENKO, K.M., inzh., nauchnyy red.; SIMAKOV,  
S.N., inzh., nauchnyy red.; FAKTOROVICH, Yu.A., kand. tekhn. nauk,  
nauchnyy red.; STUPIN, Ye.N., otv. red.; LUTOV, N.S., red.;  
IVANOV, V.S., red.; BAGUZOV, N.P., glav. red.; VOLCHEGORSKIY, M.S.,  
zam. glav. red.; DOBRYNIN, S.N., red.; NAZAROV, I.A., red.;  
KOLESNIKOV, S.I., red.; MEL'NIKOV, N.P., red.; SUSNIKOV, A.A., red.;  
STAROVEROV, I.G., red.; LYTKINA, L.S., red. izd-va; GORDEYEV, P.A.,  
red. izd-va; OSENKO, L.M., tekhn. red.

[Handbook for the designer of industrial, residential, and public  
buildings and structures; organization of construction and execu-  
tion of building and assembly operations. Industrial construc-  
tion] Spravochnik proektirovshchika promyshlennyykh, zhilykh i  
obshchestvennykh zdanii i sooruzhenii; organizatsiia stroitel'-  
stva i proizvodstvo stroitel'no-montazhnykh rabot. Promyshlen-  
noe stroitel'stvo. Pod red. P.M. Sushkova. Moskva, Gos.izd-vo  
lit-ry po stroit., arkhit. i stroit. materialam, 1961. 372 p.  
(MIRA 15:2)

(Industrial buildings)

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Female genitalia and brucellosis. Aknsh. gin. no. 6:36-39 Nov-Dec 1952.  
(CLML 23:4)

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TASHAYEVA, A.G., ordinatrix

A case of elephantiasis of the vulva. Akush. i gin. 32 no.5:73-75  
(MIRA 10:11)  
S-O '56.

1. Iz kafedry akusherstva i ginekologii (zav. - prof. L.Ye. Gurtovoy)  
Stalinabadskogo meditsinskogo instituta.  
(VULVA, dis.  
elephantiasis)  
(LYMPHEDEMA, case reports  
vulva)

TASHAYEVA, A.G.

Treatment of trichomoniasis in women [with summary in English].  
Akush. i gin. 34 no.3:82-84 My-Je '58. (MIRA 11:6)

1. Iz Novgorodskoy oblastnoy bol'nitsy (glavnnyy vrach - zasluzhennyy vrach RSFSR P.Mitofanov)

(VAGINITIS, TRICHOMONAS, ther.

oxophenarsine & copper sulfate (Rus))

(OXOPHENARSINE, ther. use

trichomonas vaginitis, with copper sulfate (Rus))

(COPPER, ther. use

sulfate, with oxophenarsine in trichomonas vaginitis

(Rus))

(SULFATES, ther. use

copper sulfate with oxophenarsine in trichomonas

vaginitis (Rus))

1. TASHAYEVA, A. G.
  2. USSR (600)
  4. Brucellosis
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9. Monthly List of Russian Accessions, Library of Congress, March 1953, Unclassified.

TASHAYEVA, A. G.

Rare case of pseudomyxoma of the appendix. Akush. i gin. 38 no.3:  
127-128 My-Je '62. (MIRA 15:6)

1. Glavnnyy akusher-ginekolog Novgorodskoy oblasti.

(APPENDIX(ANATOMY)—TUMORS)

TASHBAYEV, Kh.I.; SULTANOV, M.B.

Antispasmodic action of the alkaloid talizopin. Farm.alk.  
no.1:210-219'62. (MIRA 16:9)  
(ALKALOIDS) (ANTISPASMODICS)

TASHBAYEV, Kh.I.; SULTANOV, M.B.

Pharmacology of the alkaloid tal'min. Farm.alk. no.1:220-226'62.  
(MIRA 16:9)

(ALKALOIDS)

TASHBAYEV, Kh.I.

Effect of thapisopine on experimental hyperkinesias and  
picrotoxinin cramps. Vop. biol. i kraev. med. no.4:442-450  
'63. (MIRA 17:2)

TASHBAYEV, V.

Remainder in direct additive problems. Izv. AN Uz. SSR, Ser. fiz.-  
mat. nauk no. 4:31-37 '60.  
(MIRA 13:9)

1. Institut matematiki im. V.I. Romanovskogo AN UzSSR.  
(Numbers, Theory of)

TASHBAYEV, V.

Cand Phys-Math Sci - (diss) "Residual members in the theory of pulsations Razbiyeniya." Stalinabad, 1961. 6 pp; (Ministry of Higher and Secondary Specialist Education Uzbek SSR, Tashkent State Univ imeni V. I. Lenin); 150 copies; price not given; (KL, 6461 sup, 196)

84617  
S/166/60/000/004/011/012XX  
C 111/ C 333

16.10.00

AUTHOR: Tashbayev, V.

TITLE: The Remainder Term in Direct Additive Problems

PERIODICAL: Izvestiya Akademii nauk Uzbekskoy SSR, Seriya fiziko-matematicheskikh nauk, 1960, No. 4, pp.31-37

TEXT: The author calculates the remainder term of the formula of Ingham (Ref.1) for the number of the partitions  $p(n)$  (see (Ref.1), theorem 2).

Theorem: Let

$$(1) \quad 0 < \lambda_1 \leq \lambda_2 \leq \dots$$

be a given sequence of integers. Let  $N(u)$  be the number of the integer solutions  $\lambda_r$  which are  $\leq u$ ; let  $p(n)$  be the number of the partitions  $n = r_1 \lambda_1 + r_2 \lambda_2 + \dots$

$$(2) \quad n = r_1 \lambda_1 + r_2 \lambda_2 + \dots$$

Let

$$(3) \quad N(n) = Bu^\beta + R(u), \quad B > 0, \quad \beta > \frac{1}{1+\delta}, \quad \text{where}$$

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C 111/ C 333

## The Remainder Term in Direct Additive Problems

$$(4) \int_0^u \frac{R(v)}{v} dv = b \log u + c + O(u^{-\gamma})$$

for  $u \rightarrow \infty$ . Then it holds for  $n \rightarrow \infty$ :

$$(5) p(n) = \left( \frac{1-\alpha}{2\pi} \right)^{1/2} e^{cn} n^{-(b-\frac{1}{2})\alpha} n^{(b-\frac{1}{2})(1-\alpha)} e^{-\frac{1}{2}} \alpha^{-1}(Mn)^{\alpha}$$

$$\cdot \left\{ 1 + O(n^{-\frac{\alpha}{2}} \log^2 n) + O(n^{-\frac{(1-\alpha)\gamma}{1+\gamma}} \log n) \right\},$$

where

$$(6) \alpha = \frac{\beta}{1+\beta} \quad \text{and} \quad M = \left\{ B \beta \Gamma(\beta+1) \zeta(\beta+1) \right\}^{1/\beta}$$

 $\Gamma$  the gamma function,  $\zeta$  the zeta function.

Card 2/3

84617

S/166/60/000/004/011/012XX  
C 111/ C 333

The Remainder Term in Direct Additive Problems

The proof of the theorem discovers a connection of the theorem of Ingham with the theorem of Haselgrove and Temperley (Ref.2).

If it is put  $\lambda_v = \gamma$  ( $v = 1, 2, \dots$ ), then it is  $N(u) = [u]$   
 $R(u) = [u] - u$ ,  $B = 1$ ,  $\beta = 1$ ,  $\alpha = 1/2$ ,  $M = \zeta(2) = \pi^2/6$ ,  
and from (5) it follows the main term of the formula of Hardy and Ramanujan (Ref.3) with a certain remainder term:

$$p(n) = \frac{1}{4\sqrt{3}n} e^{\pi\sqrt{2/3}n} \left\{ 1 + o(n^{-1/4} \log^2 n) \right\}.$$

There are 6 references: 1 Soviet, 4 English and 1 American.

ASSOCIATION: Institut matematiki imeni V. J. Romanovskogo AN UzSSR (Institute of Mathematics imeni V. J. Romanovskiy of the Academy of Sciences Uzbekskaya SSR)

SUBMITTED: January 21, 1960

Card 3/3

TASHBAYEV, V.Kh. (Moskva)

Inverted additive problem. Mat. sbor. 52 no. 4:947-952 D '60.  
(MIRA 14:2)  
(Numbers, Theory of)

BABAYEV, G.; TASHBAYEV, V.Kh.

Analogue to Brauer and Shockley's theorem. Dokl. AN Tadzh. SSR  
6 no.4:13-14 '63. (MIRA 17:4)

1. Tadzhikskiy gosudarstvennyy universitet imeni Lenina.  
Predstavлено академиком AN Tadzhikskoy SSR S.U.Umarovym.

TASHBEKOV, E., student V kursa.

The Kuvasay District of Fergana Province. Sbor. stud. rab. SAGU  
no.12:42-51 '55. (MLRA 9:5)  
(Kuvasay District--Economic geography)

TASHBEKOV, E.

Migrational relations of the population of Tashkent. Izv.Uzb.fil.  
Geog.ob-va 6:91-102 '62. (MIRA 15:8)  
(Tashkent--Population)

TASHCHENKO, V., and others.

"Economical effectiveness of leguminous plants for feeding animals".

p. 71 (Mezhdunarodnyi Sel'skokhoziaistvennyi Zhurnal, Vol. 2, No. 2, 1958,  
Sofia, Bulgaria).

Monthly Index of East European Accessions (EEAI) LC, Vol. 7, No. 12, Dec. 58.

~~Tashchev, A.K.~~  
TASHCHEV, A.K., inzh.

~~Organization of work on mechanizing production processes in  
machinery manufacturing. Sbor.st.CHPI no.12:26-38 '57. (MIRA 10:12)~~  
(Machinery industry)

TASHCHEV, A.K., insh.

Method for determining the level of mechanization of forging.  
Sbor ,st.CHPI no.12:76-87 '57. (MIRA 10:12)  
(Forging)

SOV/137-59-3-6923

Translation from: Referativnyy zhurnal. Metaliurgiya, 1959, Nr 3, p 286 (USSR)

AUTHORS: Grika, K. K., Dement'yev, B. V., Tashchev, A. K.

TITLE: Mechanization of Repair Operations in Forging Shops (Mekhanizatsiya remontnykh rabot v kuznechnykh tsekhakh)

PERIODICAL: V sb.: Chelyabinsk. kuznetsy v bor'be za tekhn. progress.  
Chelyabinsk, 1958, pp 97-104

ABSTRACT: The following forging equipment employed in the mechanization of bench operations and machining-assembly work is described: 1) A press for dismantling of press-fitted components during the repair of equipment; the employment of this press at the ChTZ [Chelyabinsk Tractor Plant] not only facilitates the work of the operators but also results in a saving of metal owing to the reutilization of mated components made possible thereby; 2) A device (D) employed at the Chebarkul' metallurgical plant for raising of anvil blocks which are too heavy to be lifted by a crane; a crane-type D for changing the head of a drop hammer; a D employed at the ChTZ for polishing anvil blocks equipped with a mechanism for advancing the support.

Ye. L.

Card 1/1

PHASE I BOOK EXPLOITATION

SOV/3719

Tashchev, Aleksandr Kuz'mich

Mekhanizatsiya i avtomatzatsiya kuznechno-shtampovochnogo proizvodstva  
(Mechanization and Automation in the Die-Forming Industry) Moscow,  
Mashgiz, 1959. 56 p. (Series: Nauchno-populyarnaya biblioteka  
rabochego kuznetsa, vyp. 15) 7,000 copies printed.

Ed.: A.S. Kon'kov, Docent; Reviewer: V.S. Mozhayskiy, Engineer; Tech. Ed.:  
N.A. Dugina; Managing Ed. (Ural-Siberian Division, Mashgiz): A.V.  
Kaletina, Engineer.

PURPOSE: This booklet is intended for personnel in forging shops.

COVERAGE: This booklet deals with problems of mechanization and automation  
of forging and auxiliary operations in machine-building plants. The  
principles and trends in mechanization and automation of heavy and time-

Card 1/4

Mechanization and Automation (Cont.)

SOV/3719

consuming operations in forging shops are discussed. Basic mechanisms and machines are described and illustrated. The introduction of mechanization and automation into existing systems is also discussed. No personalities are mentioned. There are 10 references, all Soviet.

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SOV/3719

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AVAILABLE: Library of Congress (S3599)

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VK/pw/lab  
7-12-60

Soviet Inventories

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Machine-tools have obtained much technical progress recently.  
particularly ordinary.Machine tools have obtained much technical progress recently.  
especially ordinary.

M. V. Poltorov, Doctor of Technical Sciences, Professor, Head of the Department of Technical Sciences, Institute of Technical Sciences, Academy of Technical Sciences of the USSR, Moscow, Russia, 1979. 319 p., 12,000 copies printed.

M. V. Poltorov, Doctor of Technical Sciences, Professor, Head of the Department of Technical Sciences, Institute of Technical Sciences, Academy of Technical Sciences of the USSR, Moscow, Russia, 1979. 319 p., 12,000 copies printed.

M. V. Poltorov, Doctor of Technical Sciences, Professor, Head of the Department of Technical Sciences, Institute of Technical Sciences, Academy of Technical Sciences of the USSR, Moscow, Russia, 1979. 319 p., 12,000 copies printed.

M. V. Poltorov, Doctor of Technical Sciences, Professor, Head of the Department of Technical Sciences, Institute of Technical Sciences, Academy of Technical Sciences of the USSR, Moscow, Russia, 1979. 319 p., 12,000 copies printed.

Project. This book is intended for production engineers and personnel of design offices.

In technical planning, the material presented in this book can be used for the development and testing of machine tools of various types and sizes, as well as their application to processing various materials. It can also be used for other kinds of work, including design, technology, organization of production, quality control, as well as educational and scientific purposes. The book can also be used in production and design departments concerned with the design and manufacture of machine tools. It will also be provided by the reader with a number of recommendations and general aspects of research and development and introduce him to some 1979 Soviet references.

S. Gerasimov and S. Gerasimova, Directors, Dr. Eng. Gerasimov, Ph.D., Candidate of Technical Sciences, and A. N. Pirogov, Candidate of Technical Sciences.

Soviet Inventories

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## MECHANIZATION AND AUTOMATION IN INDUSTRIAL WORKS

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TASHCHEV, N.

3591. TASHCHEV, N. Opyt Perekovykh Sovkhozov Po Mekhanizatsii  
Trudoemkikh Rabot V Zhivotnovodstve (Sbornikstasovkhozov SSSR. Glav.  
Upr. s-kh. Propagandy) 25,000ekz. Bespl---(54-57346) P 636.0025

SO: Knishnaya Letopis', Vol. 3, 1955

KHARIN, N.N.; TASHCHILIN, V.A.

Feeding habits of ducks and their possible effect in the formation of  
water biocenoses. Zool.zhur. 32 no.6:1251-1258 N-D '53. (MLRA 6:12)

1. Kafedra zoologii Novocherkasskogo zooveterinarnogo instituta. (Ducks)

TASHCHILIN, V.A.; SHCHEGLOV, V.V.

Effect of antibiotics on swine fattening in the new swine houses.  
Zhivotnovodstvo 23 no.2:38-40 F .'61. (MIRA 15:11)

1. Kafedra kormleniya sel'skokhozyaystvennykh zhivotnykh Moskovskoy  
sel'skokhozyaystvennoy akademii imeni K.A.Timiryazeva.  
(Swine—Feeding and feeds) (Antibiotics)

TASHCHILIN, V.A., starshiy nauchnyy sotrudnik

Domestic bone meal and its use in fattening swine for meat. Izv.  
TSKHA no.4:127-141 '62. (MIRA 15:12)

1. Kafedra kormleniya sel'skokhozyaystvennykh zhivotnykh Moskovskoy ordena Lenina sel'skokhozyaystvennoy akademii imeni K.A. Timiryazeva (rukoveditel' akademik Vsesoyuznoy akademii sel'skokhozyaystvennykh nauk imeni Lenina - I.S. Popov).  
(Swine--Feeding and feeds) (Bone meal)

MAN'KOVSKIY, V.K.; TASHCHILOV, A.F.

Interrelations of Archean and Proterozoic formations in the  
southern part of the Eastern Sayan Mountains. Dokl.AN SSSR  
132 no.4:903-906 Je '60. (MIRA 13:5)

1. Predstavleno akademikom N.S. Shatskym.  
(Sayan mountains--Geology, Stratigraphic)

MAN'KOVSKIY, V.K.; TASHCHILOV, A.F.

New data on the Lower Proterozoic in the southern part of the  
Eastern Sayans. Trudy VSEGEI 58:155-159 '61. (MIRA 15:5)  
(Sayan Mountains--Geology)

ACCESSION NR: AP4034715

S/0064/64/000/004/0303/0304

AUTHOR: Tashchilova, L. P.

TITLE: Use of epoxy resins in the manufacture of impregnated graphite.

SOURCE: Khimicheskaya promyshlennost', no. 4, 1964, 303-304

TOPIC TAGS: graphite impregnation, epoxy resin, epoxy phenolic resin, impregnant, liquid epoxy resin, resol phenol formaldehyde resin, acid resistance, alkali resistance, solvent resistance

ABSTRACT: The properties of blends of various proportions of epoxy and phenolic resins were examined to select the optimum composition for graphite impregnation. 15, 30, 50, 60 and 70 weight% of liquid epoxy resin ED-6 (containing 16-17% epoxy groups) were blended at 90-95°C for 20-30 minutes with a resol phenol-formaldehyde resin (Stokes viscosity of 5 seconds, 160 second gel time). The compositions were hardened at 120-140°C for 10 hours at 6 atm. pressure. Blends containing 50-60% epoxy had the highest acid and alkali resistance; over 50% epoxy lowered the mechanical strength. Cold-molded graphite (density = 1.46 gm/cm<sup>3</sup>, porosity 32.8%) was impregnated under 6 atm. with a 1:1 blend of the epoxy-phenolic resin to a

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ACCESSION NR: AP4034715

weight increase of 22-25%, cured under pressure at 110-120C for 6 hours, and cooled in 6 hours to 60C at 10 degree/hour increments. The product had good resistance to concentrated HCl, 50% H<sub>2</sub>SO<sub>4</sub>, 20 and 40% NaOH, acetone and xylene.  
Orig. art. has: 1 table.

ASSOCIATION: None

SUBMITTED: OO ENCL: OO

SUB CODE: MT NO REF SOV: 005 OTHER: 000

TASHCHIN, V. V.

36125 Novyye skhemy vodoprovoda vysokogo davleniya i razmyva rabochikh Kar'yerov agregatami  
gidrotorta. Torg. prom-st', 1949, No. 11. S. 19-22.

50: Letopis' Zhurnal'nykh Statey, No. 49, 1949