

MOLLER, Ferenc, dr.

On a technic for sulfide electrophoresis, indications and results. Orv.hetil. 101 no.6:200 F '60.

1. Hodmezovasarhelyi Varosi Tanacs Koskorhaz Rendelointezete, fizikotherapida szakrendeles.

(SULFIDES pharmacol)  
(IONTOPHORESIS)

*Ul'tyanovsk  
RSFSR*

Name: MOLLER, Fridrikh Fridrikhovich

Dissertation: Hypotrophy, its Treatment and Prophylaxis in Newborn Animals

Degree: Doc Vet Sci

Affiliation: Ul'tyanovsk Agr Inst

Defense Date, Place: 7 May 56, Council of Kazan<sup>1</sup> Vet Inst  
imeni Bauman

Certification Date: 12 Jan 57

Source: BMVO 7/57

RAFALOWICZ, Adam; MIGDAJSKA, Barbara; MOLLER, Jerzy; WOJANSKA, Aniela

Pyruvic acid in the blood. II. Behavior of the level of pyruvic acid  
in diseases of the circulatory system. Polski tygod. lek. 14 no.26:  
1189-1192 29 June 59.

I. (Z I Zakładu Chorob Wewn. Studium Doskonalenia Lekarzy i Oddz.  
Chorob Wewn. Instytutu Gruźlicy; kierownik: prof. dr med. W. Hartwig)  
(PYRUVATES, blood) (CARDIOVASCULAR DISEASES, blood)

USSR / General Problems of Pathology. The Pathophysiology of the Infectious Process.

U

Abs Jour: Ref Zhur-Biol., No 22, 1958, 102474.

Author : Moller, L.

Inst : Tartu University.

Title : The Change of the Resistance of Capillaries in Patients With Tuberculous Meningitis.

Orig Pub: Uch. zap. Tartusk. un-ta, 1957, vyp. 58, 126-141.

Abstract: Once a month (up to 10 determinations) the resistance of capillaries (RC) was determined in 37 adult patients with tuberculous meningitis (1 of them died) by the method of negative pressure (according to Hecht). A decrease of RC took place on 2-3rd month of disease. In treatment with phthivazide, RC decreased, increasing only 1 1/2-

Card 1/2

40

L 29482-66

ACC NR: AP6019974

SOURCE CODE: CZ/0079/65/007/003/0258/0259

AUTHOR: Moller-Nielsen, I.

ORG: none

TITLE: Cataleptic effect of neuroleptics<sup>22</sup> and its possible relation to clinical action [This paper was presented at the 7th Annual Psychopharmacological Meeting, Jesenik, 20-23 January 1965.]

SOURCE: Activitas nervosa superior, v. 7, no. 3, 1965, 258-259

TOPIC TAGS: pharmacology, nervous system drug

ABSTRACT: Neuroleptics have a strong central depressant activity; they have a cataleptic potency in animals, and an antipsychotic effect in humans. The overall effect of neuroleptics is cholinergic in nature. An aknetic reaction resembling catalepsy may be produced by pure cholinergic compound; cataleptic reactions may be reversed by anticholinergic, ergotropic, or thymoleptic compounds. [Orig. art. in Eng.] [JPRS]

SUB CODE: 06 / SUBM DATE: / OTH REF: 002

Card 1/1 LS

MOLLER-OLSEN, O.

MOLLER-OLSEN, O. Automatic operation of large freezing plants. Tr. from the Danish.  
p. 110

Vol. 8, no. 3, Mar. 1956  
TECHNICKA PRACA  
TECHNOLOGY  
Bratislava, Czechoslovakia

So: East European Accession Vol. 6, no. 2, 1957

CZECHOSLOVAKIA/Physical Chemistry. Electrochemistry.

B

Abs Jour: Ref Zhur-Khim., No 15, 1958, 49740.

Author : Santavy F., Janbor B., Nemeckova A., Mollin J.,  
Bartek J.

Inst :

Title : Effect of Substituents in Position 2 on the Polaro-  
graphic Reducibility of Tropone.

Orig Pub: Sb. chekhosl. khim. rabot, 1957, 22, No 5, 1655-1660.

Abstract: See RZhKhim, 1958, 20798.

Card : 1/1

MOLLIN, JIRI

B-12

CZECHOSLOVAKIA/Physical Chemistry - Electrochemistry.

Abs Jour : Ref Zhur - Khimiya, No 7, 1958, 20798

Author : Frantisek Santavy, Bela Jambor, Alice Nemeckova, Jiri Mollin, Josef Bartek.

Inst :

Title : Influence of Various Substitutes in 2 Position on Polarographic Reduction of Tropone.

Orig Pub : Chem. listy, 1957, 51, No 4, 704-708

Abstract : The substitutes in the position 2 cause a shift of  $E_{1/2}$  of tropone in the following order ( $E_{1/2}$  of the 1st wave according to the st. c. e. at pH 0 and the number of electrons attached at pH 2.7 and 5.8 are present<sup>4d</sup>): Cl (-0.530; 6; 8); Br (-0.535; 6; 8); H (-0.680; 2; 4); phenyl (-0.740; 2; 4). In the case of colchicine derivatives, the shift is observed in the following series:  $N(CH_3)COCH_3$  (-0.530; 1; 2);  $N(CH_3)_2$  (-0.600; 1; 2);

Card 1/2



CZECHOSLOVAKIA/Analytic Chemistry. Analysis of Inorganic  
Substances.

E

Abs Jour: Ref Zhur-Khim., No 23, 1958, 77284.

Author : Kuras, Mecislav; Mollin, Jiri.

Inst :

Title : Analytic Reactions of Some Amidoximes. VIII. Polarographic Determination of Nickel with Oxalenediamidedioxime.

Orig Pub: Chem. listy, 1958, 52, No 2, 344-346.

Abstract: The polarographic properties of oxalenediamidedioxime (I) were studied. Based on the reaction of I with  $Ni^{2+}$  proceeding in an ammonium medium with the formation of the insoluble complex compound of Ni with I, a method of polarographic determination of Ni was developed. In an acid medium, I produces 2 polarographic waves. The 1st wave is

Card : 1/4

CZECHOSLOVAKIA/*Analytic Chemistry. Analysis of Inorganic Substances.*

E

Abs Jour: Ref Zhur-Khim., No 23, 1958, 77284.

similar to the wave of dimethylglyoxime by its height at  $\text{pH} = 2,31$  and corresponds to the consumption of 5.2 F per 1 mole. The second wave of I is of a catalytic character. The 2-electron waves of benzoin are used as a standard for the determination of the electron consumption. The  $E_{1/2}$  of I at  $\text{pH} = 0$  is  $-434 \text{ v}$  /sic:/ with reference to sat. cal. el.; an addition of  $\text{C}_2\text{H}_5\text{OH}$  causes a shift of  $E_{1/2}$  to more negative values. An increase of  $\text{pH}$  has the same effect, therefore, I in ammonium medium is not reduced in the range from  $-1.14$  to  $-1.20 \text{ v}$ , while  $\text{Ni}^{2+}$  causes depolarization under these conditions. The branch of the titration curve is descending as far as the equivalence point in

Card : 2/4

CZECHOSLOVAKIA/Analytic Chemistry. Analysis of Inorganic  
Substances.

E

Abs Jour: Ref Zhur-Khin., No 23, 1958, 77284.

consequence of the decrease of  $\text{Ni}^{2+}$  as a result of the precipitation with I. For the determination of Ni, a double volume of 0 to 2 M  $\text{NH}_4\text{Cl}$ , 40 ml of 0.15 M  $\text{NH}_4\text{OH}$  and 1 ml of 1% - ual gelatin solution are added to 1 to 20 ml of the solution ( $\text{NiCl}_2$ ) to be analyzed, containing 0.3 to 0.6 g of Ni in 1 liter, and it is titrated amperometrically with 0.05 M I solution. After the addition of every portion of the I solution, the titrated solution is agitated 3 min. with a  $\text{N}_2$  flow and the deflections of the galvanometer are read during the following 3 min.  $\text{Cu}^{2+}$ ,  $\text{Fe}^{2+}$ ,  $\text{Fe}^{3+}$ ,  $\text{Co}^{2+}$ ,  $\text{Cr}^{3+}$  and  $\text{CN}^-$  interfere with the determination. In the presence of  $\text{Mn}^{2+}$ ,

Card : 3/4

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CZECHOSLOVAKIA/*Analytic Chemistry. Analysis of Inorganic  
Substances.*

E

Abs Jour: Ref Zhur-Khin., No 23, 1958, 77284.

$Al^{3+}$ ,  $Zn^{2+}$ ,  $Pb^{3+}$  and  $Ag^+$ , it is necessary to add  
0.01 M citric or tartaric acid to the titrated solu-  
tion. See RZhKhin, 1956, 68600 for the report VII. -  
Karel Kámen.

Card : 4/4

J. MOLLIN

4  
May

Distr: 4E2c

✓ Analytic reactions of amide oximes. VIII. Polarographic determination of nickel by means of oxamide oxime. M. Kuraš and J. Mollin. Collection Czechoslov. Chem. Commun. 24, 200-3 (1959) (in German).—See C.A. 53, 11045d. M. Hudlický

July 24

MOLLIN, J.

4  
JAF(wb)

7  
Complexes of thiobenzamide with metals. F. Kaspárek  
and J. Molin (Pabického univ., Olomouc, Czech.). *Chem.  
Hochscholov. Chem. Commun.* 25, 2010-22 (1960) (in  
German).--In alk. and neutral solns. thiobenzamide reacts  
similarly to thioacetamide. Reaction in acid solns. yields  
a series of complexes of thiobenzamide with  $Ag^+$ ,  $Hg^{++}$ ,  
 $Cu^+$ ,  $Pt^{++}$ ,  $Pd^{++}$ ,  $Au^{+++}$ , and  $Ir^{++}$ . If the cation is sus-  
ceptible to oxidn. (Fe, Os), the prepn. is difficult and the  
products obtained are of variable compn. B. Erdős--

MOLLIN, J.; KASPAREK, F.

Forming of amidoximes. Coll Cz Chem 26 no.7:1882-1885 JI '61.

1. Chemisches Institut, Palacky Universitat, Olomouc.

(Amidoximes)

MOLLIN, J.; KASPAREK, F.

Polarographic reducibility of amidoximes. Part 2: Reducibility of  
aliphatic amidoximes. Coll Cz Chem 26 no.9:2438-2441 '61.

1. Chemisches Institut, Palacky-Universität, Olomouc.

(Amidoximes) (Polarograph and polarography)



MOLLOHOLLI, Ali, dr.

A plea for caution in sending material for bacteriological tests. Shendet. pop. 1:41-45 '64.

BASKIN, A.M., kandidat tekhnicheskikh nauk, dotsent; MOLLOT, A.G., kandidat tekhnicheskikh nauk, dotsent.

Some problems of organizing and building railroads in sandy deserts.  
Trudy TASHIIT no.5:157-177 '56. (MLRA 9:12)  
(Railroads--Construction)

LEBEDEV, Mikhail Nikolayevich, prof.; SHADRIN, Nikolay Aleksandrovich, prof.;  
KRYUKOV, Georgiy Nikolayevich, dotsent; MOLLOT, Aleksandr Georgiyevich,  
dotsent; PETRUKOVICH, A.A., inzh.; PAL'CHUN, P.S., inzh., retsenzent;  
SOKOLOV, F.G., inzh., retsenzent; EYGEL', I.Yu., inzh., red.; BOBROVA,  
Ye.N., tekhn. red.

[Railroad surveying and construction] Izyskania i postroika zhelez-  
nykh dorog. By M.N. Lebedev i dr. Moskva, Vses. izdatel'sko-poligr.  
ob"edinenie M-va putei soobshchenia. Pt.2. [Railroad construction]  
Postroika zheleznykh dorog. 1961. 319 p. (MIRA 14:8)  
(Railroads--Construction)

MOLLOV, D. St.

Certain regularity in the condition of underground water at the western part of the upper Thracian Valley. Izv Geol inst BAN no.9: 23-52 '61.

MOLLOV, Delcho, insh.

Underground water as swamping factor. Khidrotekh i melior 7  
no.1:18-20 '62.

MOLLOV, Delcho, inzh.

Electric integrator for the solution of filtration problems. Khidrotekh  
i melior 7 no.7:219-220 '62.

MOLLOV, D.

Feeding of underground waters determined after the form  
of the surface of the depression. Izv Geol inst B 10:195-200  
'62.

MOLLOV, D.

Character of the piezometric surface of the pressured  
water-bearing sheets at the filtration of water through  
impermeable layers. Izv. Geol. inst. BAN 10:201-209 '62.



MOELOV, D.

Problem of determining stabilized revetment walls of under-ground waters. Izv Geol Inst BAN 11:243-251 '62.

Reduction of the Boussinesq equation to its linear expression. Ibid.:253-258.

SPASOV, V.; MOLOV, D.

State of underground water in the Karaboz Lowland, and possibilities of preventing its subterranean flooding in the event the Danube River is dammed. Trudove vurkhu inzh geol khidrol 3:5-23 '64.

1. Submitted December 4, 1963.

MOLLOV, Delcho, inzh.

A method of determining the coefficient of hydraulic diffusivity.  
Khidrotekh i melior 9 no. 3:85-86 '64.

L 34508-66

ACC NR: AP6024752

SOURCE CODE: BU/0011/65/018/010/0951/0954

AUTHOR: Glybov, H.; Yotov, I.; Mollov, D.; Petrov, P.; Spasov, V.

ORG: Institute of Geology, BAN

27  
B

TITLE: Reduction of radial water partitions to equivalent vertical wells

SOURCE: Bulgarska akademiya na naukite. Doklady, v. 18, no. 10, 1965, 951-954

TOPIC TAGS: hydrodynamics, hydraulic engineering

ABSTRACT:

The determination of the influx into wells with horizontal filters (radial water partitions) is one of the very difficult problems of the subsurface hydrodynamics which, in spite of numerous works, still lacks a rigorous hydrodynamic solution. A convenient method for the handling of this problem is its reduction to equivalent vertical wells. One is required to find a fictitious radius of a perfect vertical well whose discharge for a given depth is equal to the yield of the horizontal radial well under study. The size of the "equivalent radius" depends on the length of the horizontal filters, number of such filters, their diameters, the diameter of the shaft, the capacity of the water table, the distance to the supplying contour, etc., and a rigorous simultaneous analytical study of all these factors leads to great mathematical difficulties. Consequently, the

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0915 2585

L 34508-66

ACC NR: AP6024752

problem was studied empirically in a 240 x 180 x 30 cm electrolytic tank, and the paper presents expressions for the "equivalent radius" established from the results of the modeling. This paper was presented by Corresponding Member BAN B. Kamenov on 30 June 1965. Orig. art. has: 2 figures and 3 formulas. [Orig. art. in Russian.] [JPRS: 34,964]

SUB CODE: 13, 20 / SUBM DATE: none / SOV REF: 007 / OTH REF: 003

Card 2/24/75

MOLLOV, IANAKI STEFANOV.

Trevopolnata sistema vuv vruzka s preustroistvoto na bulgarskoto zem-  
delsko stopanstvo. Sofia, 1948. 71 p. (Rotation of forage grasses  
in relation to the reconstruction of Bulgarian agriculture) DA

So. East European Accessions List

Vol. 5, No. 9

= September, 1956

OGNYANOV, I.; DALEV, P.; DUTSCHEVSKA, H.; MOLLOV, N.

A new alkaloid from *Vinca herbacea* W.K. Dokl. Biol. akad.  
nauk 17 no.1:153-156 '64

1. Vorgelegt von B. Kurtov, korr. Mitglied der Akademie.

MOLLOV, N.; HAIMOVA, M.; TSCHERNEVA, N.; PECIGARCOVA, N.; OGNJANOV, I.;  
~~PANOV, P.~~

On alkaloids of *Aconitum ranunculifolium*. Dokl. Bolg. akad.  
nauk 17 no.1:251-254 '64.

1. Vorgelegt von B. Kurtev, korr. Mitglied der Akademie.



MOLLOV, N.; DUTSCHEVSKA, H. [Duchevska, Kh.]; PANOV, P.

Alkaloids of *Thalictrum minus* L. ssp. *Elatum* of the Bulgarian origin. Doklady BAN 17 no.8:709-712 '64.

1. Vorgelegt von B. Kurtev, korr. Mitglied der Akademie.

L 46618-66 RO

ACC NR: AP6024751

SOURCE CODE: BU/0011/65/018/010/0947/0949

AUTHOR: Hollov, N.; Yarekov, H.; Popov, S.; Kouzmanov, B.

8

ORG: Institute of Organic Chemistry, BAH, Sofia

B

TITLE: Alkaloids<sup>6</sup> of some Gentiana speciesSOURCE: Bulgarska akademiya na naukite. Doklady, v. 18, no. 10, 1965, 947-949

TOPIC TAGS: alkaloid, plant chemistry

ABSTRACT: Gentiana L. is one of the six genera of the Gentianaceae family which is fairly common in Bulgaria. Fourteen species of this genus thrive mainly in the highlands. Some of them are widely used in popular medicine. Although in the past many compounds were isolated from the various species of Gentiana, no studies on alkaloids have been made yet. Consequently, the authors carried out alkaloid composition studies in *G. cruciata* L., *G. asclepiadea* L., *G. lutea* L. var. *symphyandra* Krb., *G. punctata* L., as well as the endemic species *G. bulgarica*. The article contains detailed data about the amount and types of alkaloids found. A more detailed study of the properties of the individual isolated alkaloids will be published later. This paper was presented by Academician D. Ivanov on 12 July 1965. [Orig. art. in Eng.] [JPRS: 74,805]

SUB CODE: 06 / SUBM DATE: none / SOV REF: 002 / OTH REF: 014

Card 1/1\*

0915 2584

MOLLOV, N., inzh.

Mastering and tuning of the ultrashort-wave and television antennas  
for amateurs. Radio i televiziia 12 no.5:151-154 '63.

MOLLOV, N., inzh.

Measuring and tuning of the ultrashort-wave and television antennae  
under amateur conditions. Radio i televiziia 12 no.8:241-243  
'63.

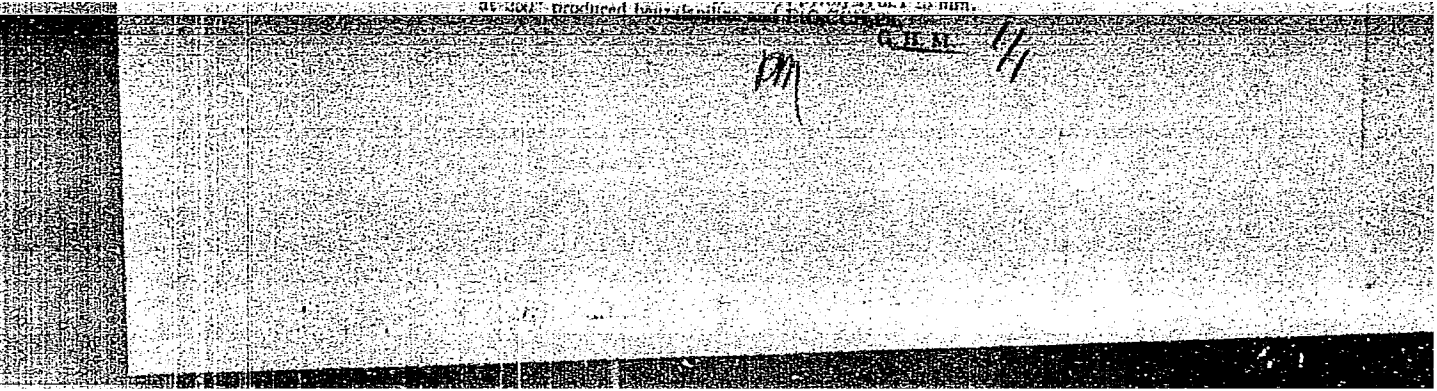
MOLLON, N. M.

The ethyl ester of  $\alpha$ -diethyl- $\beta$ -phenylpropionic acid  
obtained from benzamide and ethyl phenylacetate in the  
presence of anhydrous aluminum chloride. R. L. Kucy  
and N. M. Mollon. *Comp. rend. acad. bulgare sci.* 8,  
No. 4, 21-2 (1955) (in Russian) (German summary); *cf.*  
*C.A.* 50, 3418f. Further work.

5

"APPROVED FOR RELEASE: 03/13/2001

CIA-RDP86-00513R001135020008-1



APPROVED FOR RELEASE: 03/13/2001

CIA-RDP86-00513R001135020008-1"

MOLLOV, N. M.

USSR/ Chemistry - Synthesis methods

Card 1/1 Pub. 22 - 24/47

Authors : Kurtev, B. Y., and Mollov, N. M.

Title : Synthesis of esters of alpha-phenyl-beta-aryl-beta-anilinopropionic acids from Schiff bases and ethylphenylacetate in the presence of anhydrous AlCl<sub>3</sub>

Periodical : Dok. AN SSSR 101/6, 1069-1072, Apr. 21, 1955

Abstract : The synthesis of ethyl esters of alpha, beta-diphenyl-beta-anilinopropionic acid and alpha-phenyl-beta-(beta-naphthyl)-beta-anilinopropionic acid from benzylidene, respectively, and beta-naphthylideneaniline and equimolecular amounts of ethyl phenyl acetate (Schiff's bases), is described. The reaction was carried out in a nondehydrated benzene medium with AlCl<sub>3</sub> as the catalyst. It was found that the catalyst amount has no effect on the ester yield and an amount smaller than 0.5 moles per mole of basic substance often leads to resinification. Nineteen references: 6 German, 5 USSR, 2 English and 6 USA (1892-1954).

Institution : State University, Sofiya, Bulgaria

Presented by: Academician I. N. Nazarev, November 3, 1954

*Mollov, N. M.*  
USSR/Chemistry - Synthesis  
Card 1/1 Pub. 22 - 25/59  
Authors : Mollov, N. M., and Kurtev, B. I.  
Title : Synthesis of alpha-phenyl-beta-aryl-beta-aminopropionic acid esters from hydramides and ethylphenylacetate in the presence of anhydrous AlCl<sub>3</sub>.  
Periodical : Dok. AN SSSR 102/2, 287-290, May 11, 1955  
Abstract : Experimental data are presented regarding the synthesis of alpha-phenyl-beta-ary-beta-aminopropionic acid esters from hydramides and ethylphenylacetate over an anhydrous aluminum chloride catalyst. It was established that hydramides also react with ethyl acetate over an anhydrous AlCl<sub>3</sub> in a nondehydrated benzene medium. The products obtained from this last reaction are described. Six references: 2 USSR, 1 USA, 1 Ger and 2 Bulg. (1912-1955).  
Institution : Sofia State University, Sofia, Bulgaria.  
Presented by: Academician I. N. Nazarov, November 3, 1954.



MOLLOV, N. M.

MOLLOV, N. Synthesis of ester  $\alpha$ , $\beta$ -di-phenyl- $\beta$ -aryl aminopropionic acid from benzylidene-aryl amine and ethyl phenyl acetate in the presence of anhydrous aluminum chloride. In Russian. P. 31. Vol. 9., no. 1, Jan./Mar. 1956. DOKLADY., Sofia, Bulgaria

SOURCE: East European Accessions List (EEAL) Vol. 6, No. 4 April 1957

*Mollov, N. M.*

BULGARIA/Organic Chemistry - Synthetic Organic Chemistry

G-2

Abs Jour : Ref Zhur - Khimiya, No 7, 1958, 21407

Author : N.M. Mollov, N.Kh. Spasovska

Inst : Academy of Sciences of Bulgaria.

Title : Synthesis of Esters of  $\alpha$ -(n-cholyl)- $\beta$ -aryl- $\beta$ -amino and  $\beta$ -(N-substituted amino)-propionoc Acids of Schiff's Base or Hydramides and Ethyl Ester of n-tolylacetic Acid in Presence of Anhydrous Aluminum Chloride.

Orig Pub : Dokl. Bolg AN, 1956, 9, No 4, 45-48

Abstract :  $RCH(NHR')CH(n-CH_3C_6H_4)COOC_2H_5$  (III) were prepared by the concentration of  $RCH=NR'$  (I) with  $n-CH_3C_6H_4CH_2COOC_2H_5$  (II) in the presence of  $AlCl_3$ . The yield of III is less than that of products of condensation of I with  $C_6H_5CH_2COOC_2H_5$

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BULGARIA/Organic Chemistry - Synthetic Organic Chemistry.

G-2

Abs Jour : Ref Zhur - Khimiya, No 7, 1958, 21407

(see RZhKhim, 1958, 17895). 0.01 mole of  $\text{AlCl}_3$  is added to 0.005 mole of hydrobenzamide and 0.01 mole of II in 2 mlit of  $\text{C}_6\text{H}_6$ , after the end of the spontaneous reaction it is heated 2 hours at 70 to 75°, decomposed by dilute HCl and hydrochloride (HC) of III ( $\text{R} = \text{C}_6\text{H}_5$ ,  $\text{R}' = \text{H}$ ), (IIIa) is filtered off 12 hours later, yield 12%, melting point 235 to 237° (from alcohol). IIIa is separated by treating HC with a soda solution in ether, yield 93%, melting point 50 to 51° (from aqueous alcohol). 0.001 mole of IIIa HC, 0.0015 mole of  $\text{KCNO}$ , 2 mlit of water and 3 mlit of alcohol are heated 2 hours at about 95°, 5-n-tolyl-6-phenyldihydrouracil is obtained, yield 35%, melting point 263 to 284° (from alcohol). 0.005 mole of  $\text{AlCl}_3$  is added to 0.005 mole of I ( $\text{R} = \text{3-C}_{10}\text{H}_7$ ,  $\text{R}' = \text{CH}_3$ ) 0.005

mole of II and 1 mlit of  $\text{C}_6\text{H}_6$  and 20 min. later it is

Card 2/3

~~Synthesis of esters of  $\beta$ -phenyl- $\alpha$ -nitroacetic  
protonic acids from arylidenealuminum trialkyl  
aluminum in the presence of anhydrous aluminum chloride.  
N. M. Medvedev. Proc. Acad. Sci. U.S.S.R., Ser. Chem. 100,  
57-60 (1960) (Engl. translation). —See C.A. 54, 13824f.  
B. M. R.~~

*Handwritten initials*

*Handwritten initials*

MOLLOY, N.M.

Synthesis of  $\alpha$ -phenyl- $\beta$ -aryl- $\beta$ -alkylaminopropionic esters from  
arylidenealkylamines and ethylphenylacetate in the presence of anhy-  
drous aluminum chloride. Dokl.AN SSSR 106 no.3:482-485 Ja '56.  
(MLRA 9:6)

I.Sofiyskiy gosudarstvennyy universitet, Sofiya, Bolgariya. Predstavle-  
no akademikom I.N.Nazarovym.  
(Propionic acid)

MOLLOV, N. M.

G-2

COUNTRY : Bulgaria  
 CATEGORY :

ABS. JOUR. : RZhim., No. 20 1959, No. 71434

AUTHOR : Mollov, N.M.; Oranovac, A.S.  
 INST. : Not given

TITLE : Properties and Reactions of Ethyl  $\alpha, \beta$ -di  
 phenyl- $\beta$ -amino-propionates. I. Reduction  
 to 2,3-diphenyl-3-aminopropanols By Means \*

ORIG. PUB. : Dokl Bolg. AN, 1958, 11, #4, 283-286.

ABSTRACT : Search for new drugs formed by the reduction  
 of ethyl N-substituted  $\alpha, \beta$ -diphenyl- $\beta$ -amino  
 propionates led to the synthesis of 2,3-  
 diphenyl-3-amino-propanols-1 of a general  
 formula  $C_6H_5CH(NHR)CH(C_6H_5)CH_2OH$  (1a-d where  
 a): R = H, b): R = CH<sub>3</sub>, c): R = C<sub>6</sub>H<sub>5</sub>, d)  
 R =  $\beta$ -C<sub>10</sub>H<sub>7</sub>). Into a suspension of 3 moles  
 LiAlH<sub>4</sub> in ether (30 ml of ether per 0.01 mole)  
 was added over a 15 minute period a solution  
 of aminoester in ether for (a and b) and in  
 benzene for (c-d) (50 ml of ether or 80 ml  
 C<sub>6</sub>H<sub>6</sub>/per 0.01 mole). After 15 minutes the

CARD: 1/2

\* of Lithium Aluminum Hydride

\* of Lithium Aluminum Hydride

COUNTRY : Bulgaria G-2  
CATEGORY :  
ABS. JOUR. : RZKhim., No. 20 1959, No. 71434  
AUTHOR :  
INST. :  
TITLE :

ORIG. PUB. :

ABSTRACT : mixture was decomposed and I was isolated.  
I was then recrystallized from aqueous  
alcohol. Below are listed: I, % yield,  
m.p. in °C, m.p. of I-chloride, °C: a)  
66.6 (b.p. 175.5°/0.04 mm), -, 192; b)  
60, 89-90, 211-213; c) 73, 104-105, 109  
(decomposed); d) 68, 125-126, -.

-- A. Berlin

CARD: 2/2

MOLLOV N.

9

4 200 (10)

4800

99

Esters of  $\alpha, \beta$ -diaryl- $\delta$ -aminoacrylic acids from Schiff  
 bases and acrylic esters in the presence of aluminum  
 chloride. B. I. Kurtev and N. Mollov. *Acta. Chim.  
 Acad. Sci. Hung.* 18, 426-35 (1966) (Grimm).—A discus-  
 sion of the prepn. of  $R'NHCHAr'CHAr''CO_2R$  from the  
 reaction of  $R'N:CHAr'$  and  $Ar''CH_2CO_2R$  in the presence  
 of  $AlCl_3$ . The Schiff bases can be replaced by  $Ar'CH:NCH$   
 $Ar''N:CHAr'$ . Millard Maienthal



SOV/62-59-4-41/42

5(3)

AUTHORS:

Kurtev, B. Y., Mollov, N. M.,  
Simova, Ye. M.

TITLE:

Configuration of  $\alpha, \beta$ -Diphenyl- $\beta$ -Anilinepropionic Acids (Konfiguratsiya  $\alpha, \beta$ -difenil- $\beta$ -anilinopropionovykh kislot)

PERIODICAL:

Izvestiya Akademii nauk SSSR. Otdeleniye khimicheskikh nauk, 1959, Nr 4, p 758 (USSR)

ABSTRACT:

In this letter to the editor the authors write: "In the work on the synthesis of 2,3-diphenyl- $\beta$ -methylaminopropionic acid (Ref 1) the intention was expressed of investigating the configuration of  $\beta$ -amino acids obtained from the Schiff's bases and arylacetic acids. We investigate this question. In the alkali hydrolysis of the ethyl ester of  $\alpha, \beta$ -diphenyl- $\beta$ -anilinepropionic acid which was obtained from benzalaniline and ethylphenylacetate in the presence of anhydrous aluminum chloride (Ref 2) we previously separated a single free  $\beta$ -aniline acid with the melting point 171-172° (I). According to the configuration it corresponds to the initial ester (Ref 3). Now we have also separated the second racemate with the melting point 157-158° (II). This is identical with the  $\alpha, \beta$ -diphenyl- $\beta$ -anilinepropionic acid obtained from benzal-

Card 1/2

Configuration of  $\alpha,\beta$ -Diphenyl- $\beta$ -Anilinepropionic Acids SOV/62-59-4-41/42

aniline and metal-organic phenylacetic acid derivatives (Ref 4-6). In alkali medium, (II) and benzene sulfochloride give a 89 % 1,3,4-triphenylasetidinone-(2) yield (Ref 7) as is confirmed by us. It did not prove successful to obtain lactam from (I) in the same way. We separated up to 90 % of the initial acid from the reaction medium. Since the  $\beta$ -lactam formation by this method has to be a cis-cyclization it may be assumed on account of the conformation assumptions (e.g. Ref 8) that (I) has erythro- and (II) treo-configuration." There are 8 references, 3 of which are Soviet, 4 Bulgarian and 1 English.

ASSOCIATION: Sofiyskiy gosudarstvennyy universitet (Sofia State University)

SUBMITTED: January 17, 1959

Card 2/2

MOLLOV, N.M.

Synthesis of the esters of  $\alpha$ ,  $\beta$ -diphenyl  $\beta$ -aminopropionic acids through the interaction of the esters of phenylacetic acid with the Schiff bases, or hydramides in the presence of the anhydrous aluminum chloride. *Godishnik khim* 54 no.3:189-203 1959/60 (pub. '61)  
(EEAI 10:9)

(Esters) (Phenyl group) (Schiff bases)

KURTEV, B.Y.; MOLLOV, N.M.; ORAKHOVATS, A.S.

N → O benzoyl migration of diastereometric 1,2-diphenyl-1-(benzoylamino)-3-propanols. Izv.AN SSSR.Otd.khim.nauk no.8:1523  
Ag '62. (MIRA 15:5)

1. Sofiyskiy gosudarstvennyy universitet.  
(Propanol) (Benzoylation)

MOLLOV, N.M.; PETROVA, P.Ch.

Addition of the derivatives of phenylacetic acid to the Schiff bases and hydramides under the catalytic action of anhydrous aluminum chloride. Izv Inst org khim 1:127-138 '64

L 43002-66 RO

ACC NR: AP6031808

SOURCE CODE: BU/OOL1/65/018/009/0849/0851

AUTHOR: Mollov, N.; Dutschewska, H.; Kirjakov, H.; Pjuskjulev, B.; Georgiev, V.;  
Jordanov, D.; Panov, P.ORG: Institute of Organic Chemistry, BAN; Institute of Botany, BANTITLE: Alkaloids of a form of thalictrum minus L. commonly found in Bulgaria

SOURCE: Bulgarska akademiya na naukite. Doklady, v. 18, no. 9, 1965, 849-851

TOPIC TAGS: plant chemistry, alkaloid, IR spectrum, chromatography

ABSTRACT: This article describes the first alkaloid-content investigation of the Thalictrum minus L. plant commonly found in Bulgaria. Its leaves resemble those of Thalictrum simplex. The article describes in details the experimental procedures, in particular the isolation of O-Methylthelmethin ( $C_{27}H_{38}O_6N_2$ ), Thelmethin ( $C_{36}H_{56}O_6N_2 \cdot H_2O$ ), and Berberin. Characteristic features of the various infrared spectra are also given. Alkaloids were proven by thin-layer chromatographic procedures. [Orig. art. in German] [JPRS: 34,903]

SUB CODE: 06 / SUBM DATE: 08Jun65

Card 1/1 MLP

0919 0582

MOLLOV, R. M.

Dissertation defended for the degree of Candidate of Philological Sciences  
at the Institute of the Peoples of Asia

"Essays on the History of Old-Turkish Literature."

Vestnik Akad. Nauk, No. 4, 1963, pp 119-145

MOLLOV, Steil, irzh.

Some innovations in the harnessing of underground water and its conveying to pumping stations. *Khidrotekh i melior* 9 no.2:44-47 '64.



MOLLOV, Stoil, inzh.; MARINKOV, Stefan, inzh.

Automation of the Plovdiv Northern Pumping Station. Khidrotskh  
i melior 9 no.9:269-270 '64.

BAZHDEKOV, B.; GRIGOROV, I.; SAMSONOVA, S.; MOLLOVA, N.

Dietetic nutrition in prolonged corticosteroid therapy of  
some diseases. Suvr. med. (Sofia) 15 no.5:17-22 '64

RUMANIA/Electronics - Electrical Discharger in Gases and  
Gas Discharge Apparatus.

H.

Abs Jour : Ref Zhur - Fizika, No 7, 1959, 15942

Author : Mollwo, Ludwig

Inst : "

Title : Energy Distribution of Electrons in a Very High Frequency Discharge in Hydrogen.

Orig Pub : Ann. Physik, 1958, 2, No 3-4, 97-129

Abstract : See Ref Zhur Fizika, 1958, No 3, 6407.

Card 1/1

MOLNAR, J.

Janos Kauser; an obituary. p. (2) of cover. (Radiotechnika, Vol. 7, No. 3,  
May 1957, Budapest, Hungary)

SO: Monthly List of East European Accessions (EEAL) LC, Vol. 6, No. 8, Aug 1957. Uncl.

KOLNAR, A.; KARNIK, V.

New macroseismic study of the Nograd earthquake, February 20, 1951. p. 66.  
(GEOPYSIKALNI SBORNIK, No. 20/35, 1955 (published 1956), Praha, Czechoslovakia)

SO: Monthly List of East European Accessions (EEAL) LC, Vol. 6, No. 12, Dec 1957. Uncl.

MOLNAR, Aleksandar, dr.

Better supply of foundries with scraps. Ljevarstvo 10 no.1/2:  
23-24 '63.

1. "Unija", Zagreb.

MOLNAR, Aleksandar, dr.

Better supply of foundries with scrap, Ljevarstvo 10 no.1/2:  
23-24 '63.

1. "Unija", Zagreb.

MOLNAR, A

VINCE, I., REVESZ, K., MOLNAR, A.

Reticulo-endothelial system in infantile atrophy. *Gyermekgyógyászat.*  
(CML 21:3)  
2 no. 12:363-366 Dec. 1951.

1. Doctors. 2. First Pediatric Clinic (Director -- Prof. Dr. Pal  
Gegesi Kiss, Budapest Medical University.



BARTA, L.:VINCE, I.:MOINAR, A.

The influence of intravenous amino acid compound on the amino acid nitrogen balance of atrophic infants. *Gyermekgyógyászat* 3 no. 11:341-343 Nov 1952. (CLML 23:5)

1. Doctors. 2. First Pediatric Clinic (Director -- Prof. Dr. Pal Gegesi Kiss), Budapest Medical University.

BARTA, L.:MOLNAR, A.

The influence of large dose of glucose on the sugar metabolism of atrophic infants. Gyermekgyógyászat 3 no. 12:364-369 Dec 1952.  
(GIML 23:5)

1. Doctors. 2. First Pediatric Clinic (Director -- Prof. Dr. Pal Gegesi Kiss), Budapest Medical University.

BEVESZ, K.:VINCE, I.:MOINAR, A.

Study of the hypophysis adrenal system in atrophic infants. *Gyermekgy-  
ogyasszat* 4 no. 1:20-23 Jan 1953. (GIML 23:5)

1. Doctors. 2. First Pediatric Clinic (Director -- Prof. Dr. Pal  
Gegesi Kiss), Budapest Medical University.

MOLNAR, A.

VEGHÉLYI, P.; MOLNAR, A.; MARCSEK, Z.

Protein metabolism in infant dystrophy. *Gyermekegyészség* 4 no. 9:257-263 Sept 1953. (GDM: 25:5)

1. Doctors. 2. First Children's Clinic (Director — Prof. Dr. Pal Gogesi Kiss), Budapest Medical University.

MOLNAR, Amalia, dr.,; NARAI, Sandor, dr.,; FOLDES, Jozsef, dr.

Erythrocyte agglutination method in immunological studies in  
scarlet fever. Gyermekgyogyaszat 7 no.5-6:178-180 May-June 56.

I. Szegedi Megyei Jogu Varos Koskorhaza (Igaz. Molnar Pal dr.,  
Gyermekosztaly (Foorvos: Narai Sandor dr.)

(SCARLET FEVER, immunol.

hemagglutination with sheep erythrocytes (Hun))

(HEMAGGLUTINATION, in various dis.

scarlet fever, with sheep erythrocytes (Hun))

STRELKA, J.; MOLNAR, A.; ONDREJICKA, J.

Contribution to surgical anatomy of the external auditory meatus.  
Gesk. otolaryng. 14 no. 5:272-276 0 '65.

I. Klinika pre choroby usne, nosne a krane Lekarskej fakulty  
University Komenskeho v Bratislave (prednosta: doc. dr. J. Lajda).

I 60101-65

ACQUISITION NO: AP5022158

RU/0021/64/000/005/0285/0288

18B

AUTHOR: Adam, Gasa (Doctor); Pongor, Erzsébet (Doctor); Berta, Istvan (Berta, I.) (Doctor); Molnar, Andras (Mol'nar, A.) (Doctor); Jona, Gabor (Jona, G.) (Doctor)

TITLE: Experimental data on the iron metabolism of irradiated patients

SOURCE: Magyar radiologia, no. 5, 1964, 285-288

TOPIC TAGS: irradiation, biologic metabolism, radiation biologic effect, radiology

Abstract: [Authors' English summary modified] Starting with the investigations by Horczek, a comparative study has been made of the extent of changes in iron tolerance curve following enteral and parenteral adminis-

Card 1/2

L. 61101-65

ACCESSION NR: AP5022158

Orig. art. has 2 graphs and 2 tables.

ASSOCIATION: Debreceni Orvostudományi Egyetem Röntgenklinika (Radiological Clinic,  
Medical University of Debrecen); Hajdu-Bihar Megyei Tanács Kórház Onkológiai  
County Council Hospital, Oncological Section)



McDILL COUNTY COUNCIL

Card 2/2

SUBMITTED: 00

ENCL: 00

GUH CODE: IS, NP

NO REF SOV: 000

OTHER: 007

JPRS

Card 2/2

MOLNAR, Antal, dr.; DENES, Zsuzsanna, dr.

Quantitative determination of urobilinogen in urine during normal and pathological function of the liver. Orv. hetil. 95 no.25-26: 712-716 24 June 54.

I. M.I.O.I. Szeretethaz Korhazosztalyanak (igazgato-fuorvos: Weiss Istvan dr.) kozlemenye

(UROBILIN

urobilinogen in urine in relation to liver function)

(URINE

urobilinogen in relation to liver function)

(LIVER FUNCTION TESTS

urobilinogen in urine)

MOINAR, Antal, dr.; BIRO, Istvan, dr.

Trichinosis: diagnostic and therapeutic problems. Orv. hetil.  
101 no.13:460-461 27 Mr '60.

I. Orvostovábbképző Intézet, III. Belosztály.  
(TRICHINOSIS)

MOINAR, Antal, dr; KIKES, Ede, dr.

Leukocytosis during ACTH and prednisolone therapy. Orv. hetil.  
101 no.20:695-697 15 My '60.

1. Orvostovabbkepzo Intezet, III. belosztaly.  
(CORTICOTROPIN pharmacol.)  
(PREDNISOLONE pharmacol.)  
(LEUKOCYTE COUNT pharmacol.)

TALLIAN, Ferenc, dr.; MOLNAR, Antal, dr.; ZAHUNENSZKY, Elemer, dr.

Obstructive jaundice occurring at the last stage of pregnancy.  
Orv. hetil. 105 no.42:1994-1995 0 18 '64.

1. OTKI II. Szuleszeti-Nogyogyaszati, III. Belgyogyaszati- es  
Sebeszeti Tanszek.

STRAUSZ, Imre; MOLNAR, Antal; BIRO, Istvan; TENYI, Maria

Change in the level of glutamic oxalacetic acid transaminase in  
Trichinella spiralis infected rats. Kiserletes orvostud. 13 no.2:  
185-187 My '61.

1. Orvostovabbkepzo Intezet III. Belosztalya es Szegedi Orvostudomanyi  
Egyetem II. Belgyogyaszati Klinikaja.  
(TRANSAMINASE blood) (TRICHINOSIS exper.)

STRAUSZ, Imre, dr.; MOLNAR, Antal, dr.

Pericarditis, pleurisy and pneumonia secondary to myocardial infarction. Orv. hetfl. 102 no.25:1168-1172 18 Je '61.

1. Orvostovábbképző Intézet, III sz. Helyosztály.

(MYOCARDIAL INFARCT compl)  
(PERICARDITIS etiol)  
(PLEURISY etiol)  
(PNEUMONIA etiol)

STRAUSZ, Imre; KEKES, Ede; JANIKOVSKY, Bela; MOLNAR, Antal

Erythropoietic effect of the blood serum of patients with cardiac decompensation. Kiserl. orvostud. 15 no.1:29-32 F '63.

1. Orvostovabbkepzo Intezet III. sz. Belgyogyaszati Tanszek.  
(RHEUMATIC HEART DISEASE) (PULMONARY HEART DISEASE)  
(CORONARY DISEASE) (LEUKOCYTE COUNT) (RETICULOCYTES)  
(HEMATOCRIT) (ERYTHROPOIETIN) (SERTHERAPY)



STRAUSS, Imre, dr.; KEKES, Ede, dr.; MOLNAR, Antal, dr.; JANIKOVSKY, Bela, dr.

The appearance of nucleated red blood cells in the peripheral blood  
in some cases of heart failure. Orv. hetil. 104 no.6:255-262 10 F '63.

1. Orvostovábbképző Intézet, III. Belgyógyászati Tanszék.  
(HEART FAILURE, CONGESTIVE) (PULMONARY HEART DISEASE)  
(RHEUMATIC HEART DISEASE) (ERYTHROCYTES)

ABDURAZAKOV, A.A.; GROMOV, K.Ya.; KUZNETSOV, V.V.; MA KHO IK; MUZIOL', G.;  
MOLNAR, F.; MOLNAR, A.; MUKHTASIMOV, F.; KHAN' SHU-ZHUN' [Han Shu-jun]

Decay of Ho<sup>161</sup>. IAd. fiz. 1 no.6:951-957 Je '65.

(MIRA 18:6)

1. Ob"yedinennyy institut yadernykh issledovaniy i Tashkentskiy  
politekhnicheskiy institut.

MOLNAR, Arpad

Decoration of seven brigades. Magy vasut 8 no.10:1  
16 Ny '64.

MOLNAR, Arpad (Budapest)

The organized, disciplined work as a basis for accident prevention. Magyar vasut 8 no. 11:4 4 Ja '64.

KOVACS, Erno; MOLNAR, Attila

Analysis of the time of overstay of the Hungarian State Railway  
cars in the Csepel Iron and Steelworks. Munka szemle 8 no. 7:  
29-32 JI '64.

MOLNAR, Aurel

From the mammoth to mammoth machines. Pt.5. Mezogazd techn 3  
no.5:2 of cover; 22 '63.

MOLNAR, Aurel

From the mammoth to mammoth machines. Pt. 10. Mezogazd techn 3  
no.10:2 of cover-28 '63.

MOLNAR, Aurel

Forebears of the atomic theory. Mezogazd techn 4 no.1: 2 of  
cover '64.



MOLNAR, Aurel

Lord Ernest Rutherford, the alchemist. Mezogazd techn 4  
no.6:2 of cover '64.

MOLNAR, Aurel

Atomic fission. Mezogazi techn 4 no.9:2 of cover S '64.

MOLNAR, Aurel

The miraculous year in nuclear physics. Mezogazd techn 4 no.10:  
2 of cover '64.

MOLNAR, Aurel

Competition for the atomic bomb. Menogazi techn 4 no.11:  
2 of cover '64.

MOLNAR, Aurel

Marie Curie and her two Nobel prizes. Mezogad techn 4 no.5:2 of  
cover '64.

ACC NR: AR7000827

SOURCE CODE: UR/0272/66/000/010/0006/0006

AUTHOR: Mol'nar, A. G.

TITLE: Angle-to-digital code converter

SOURCE: Ref. zh. Metrologiya i izmeritel'naya tekhnika, Abs. 10.32.47

REF SOURCE: Tr. Mosk. in-ta elektron. mashinostr., vyp. 1, 1965(1966), 88-91

TOPIC TAGS: computer coding, code converter, electrostatic generator, *analog digital counter, electric rotating equipment part*

ABSTRACT: The arrangement and principle of operation of a vernier angle-to-digital code converter designed on the principle of an electrostatic generator are investigated. The generator consists of a continuously rotating rotor, a fixed stator, and a movable stator which is connected to the input shaft. In the converter, the two rotor tracks and both stators contain an equal quantity of gear teeth. In the case under examination, the number of gear teeth on the stators differs by one. A permanent magnet is fixed on the rotor. One magnetic head is mounted on each stator. Voltages from the stator are transmitted to the short pulse shapers. From the converter, the pulses are transmitted to the counting circuit over four channels:

Card 1/2

UDC: 621.376:681.142.621

ACC NR: AR7000827

1) from the fixed stator; 2) from the movable stator; 3) from the fixed magnetic head; and 4) from the movable magnetic head. The above converter makes it possible to measure an angle in a digital code. The conversion accuracy does not depend on the rotational speed of rotor. There are three illustrations and a bibliography of 2 titles. [Translation of abstract] [DW]

SUB CODE: 09/

Card 2/2

Mohar, B.

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539.152.1

8148. The statistical theory of the nucleus. III. P. GOSWAMI, E. MARGIT, B. MOHAR AND E. SZARD. *Acta phys. Hungar.*, 4, NO. 3, 267-72 (1953) in German.

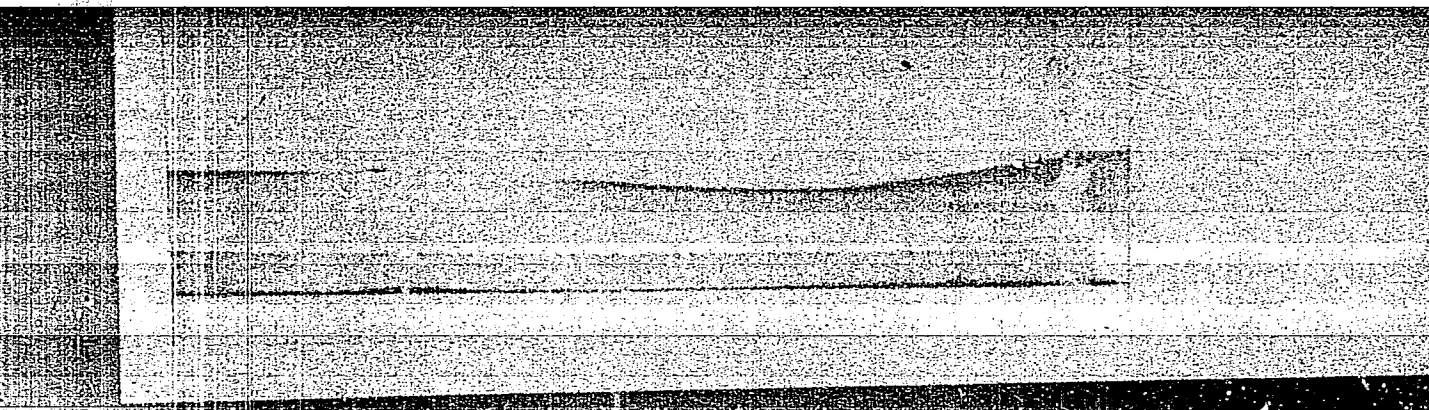
The density distributions and energies for  $A = 16, 80, 200$  were calculated using the same variational method as in Abstr. 6690, 6991 (1952), but for a 2-body interaction of exponential or Gaussian type. The former gives the best fit with empirical mass defects. The corresponding density is roughly Gaussian at  $A = 16$ , but at  $A = 80$  and  $A = 200$  a central depression has developed. W. J. SWIATECKI

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539.152.1  
 8983. Statistical theory of the nucleus. P. GOSWAMI,  
 E. MÄGGER, B. MOLNAR AND E. SZABO. *Ann. Phys.*  
 (Leipzig) 16, No. 1-2, 93-5 (1955) In German.  
 Previous calculations [Abstr. 6690 (1952), 7028  
 (1953)] of the nucleus density, energy and exchange  
 energy based on a Yukawa two-particle interaction  
 potential have been extended to the case of expo-  
 nential and Gaussian potentials. G. H. BROWN  
1955 274842P-22008

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*MOLNAR, B.*

HUNGARY / Theory of Solids. Geometrical Crystallography.

E-2

Abs Jour : Ref Zhur - Fizika, No 4, 1957, No 9147

Author : Gaspar, R., Molnar, B.

Title : Concerning the Bond in Metallic Silver.

Orig Pub : Acta phys. Acad. sci hung., 1956, 6, No 1, 119-123

Abstract : Using a model of the metal, developed by Gombas, the authors calculate the energy and the lattice constant of metallic silver. Account is taken of the energy influence due to the overlapping of the ions on the lattice energy. It is shown that just as in the case of copper, the overlapping of the ions of silver plays a substantial role, and the overlapping energy of the silver ions is approximately twice as large as that of the copper ions. Calculations have shown that the minimum value of the energy corresponds to a radius of an elementary sphere  $R_0 = 2.99a_0$  ( $a_0 = 0.53A$ ) and amounts to 11.26 ev. The best agreement with experi-

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*Acad Sci, Hung.*

1964

MOLNAR, B.

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per analyst

Vitamin B<sub>12</sub>