

CA

2

Compressibility and resonance frequency of polarization vibrations in an ionic crystal. V. I. Oklevskii. *Izvst. Akad. Nauk S.S.S.R., Ser. Fiz.* 14, 232-44 (1950).
 Theoretical. Calcns. are made for 3 types of cubic lattices contg. at least 1 univalent element (types NaCl, CsCl, and CaF₂). Starting with an elastic equation, O. calculates the polarization coeff. for a static and an alternating field and derives from it the dielec. const. as a function of the resonance frequency. This frequency can be detd. either from the position of the min. of light absorption through thin crystal. layers or from the wave length of "rest rays." Values obtained by both methods are in good agreement for 17 different ions. (Li, Na, K, and Rb halides and CaF₂). A calcn. of the modulus of compressibility as a function of the resonance frequency leads to the formula

$$E_a = \frac{1}{3} \frac{m_0^2 \omega^2 (1 + \epsilon)}{3 \gamma \epsilon} [(a_m + 2) / (m + 2)],$$

where m is the mass, ω is the previously calcd. resonance frequency, ϵ the corresponding dielec. const., γ a const. characteristic for the lattice and $\epsilon = 4\pi e^2 / U^*$ at the units of elec. energies in the lattice. From this formula (1 + ϵ) is calcd. for the 17 different crystals and plotted as a function of distance between ions

9. Pakswar

REZNIK, A.Ye., dotsent; BAYTERYAKOVA, N.R., assistant; ODELEVSKAYA, N.N., assistant; FIEDORENKO, P.N., assistant; DAVIDOV, V.Ya., assistant; YEMALEYEVA, D.Sh., ordinator; GRUNIS, L.P., ordinator; RAFIKOVA, K.A., ordinator; IBRAGIMOVA, A.M.

Clinical features of the influenza outbreak in Kazan in October 1957. Kaz.med.zhur. 40 no.1:34-37 Jan '59. (MIRA 12:10)

1. Iz kliniki infektsionnykh bolezney (zav. - dotsent A.Ye. Reznik) Kazanskogo meditsinskogo instituta.
(KAZAN--INFLUENZA)

1161-53 EPL/EPR/ENT(A)/ENT(L)/ENT(M)/ENT(P)
ACCESSION NR: A73001972 Pa-4/Ps-1 W 1/0015/63/000/011/0376/0377

AUTHOR: Chesnel, Z. (Engineer, Major)

68

TITLE: Faster than sound

ORIGIN: Veda a tehnika mladei, no. 11, 1963, 376-377

TOPIC TAGS: E-66 aircraft, R-37F 1st engine, U-2 rocket engine, E-66A aircraft

ABSTRACT: The E-66, which set a speed record of 2148.66 km/hr on 16 September 1960, had a 6000-kp R-37F engine. The R-37F 1st engine of the E-66A, flown on 28 April 1961 at an altitude of 34,720 m, was augmented by a U-2 rocket engine with a thrust of 2000 kp. Orig. art. has: 10 figures.

ASSOCIATION: none

SUBMITTED: 00

DATE ACQ: 01Jul63

ENCL: 00

SUB CODE: AC

NO REF SOV: 000

OTHER: 000

1b/pc

Card 1/1

TEXT: Two years ago, the Czechoslovakian sonic fighters. Ever since then sonic booms have occasionally been heard over Prague. The article contains a general aerodynamic analysis of subsonic, transonic and supersonic flights and explains the well-known theories of the sound barrier, sonic booms, shock waves and what connection there is between them and the velocity of sound. In conclusion it is stated that due to the destructive effects of the shock waves the minimum height for flights at lower supersonic speeds above populated areas has been set at 3,000 m. There are 1 photograph and 10 figures. ✓

Card 1/1

1167-63

EPA/EPF/ENT(A)/ENT(L)/ENT(S)/EES/YAD

AEDC/AFPTG/APOC/ASD

DISPATCH NR: 123001372

Tab-1/2-11 W

2/0048/63/000/011/0316/0317

PHASE I BOOK EXPLOITATION

CZECH/5250

Odehnal, Zdeněk, Engineer, Captain

Vrtulníky a soudobý boj (Helicopters and Modern Warfare) [Prague] Naše vojsko, 1959.
227 p. (Series: Knižnice moderní vojenské techniky, sv. 2) 3,500 copies printed.

Resp. Ed.: Karel Zelený.

PURPOSE: This popular-type book is intended for military readers interested in helicopters and their military applications.

COVERAGE: The book presents aerodynamic fundamentals of helicopter flight and helicopter designs, and describes piloting and military operational experience with helicopters. The future of the helicopter and other VTO aircraft is discussed. Attention is given mainly to Western aircraft concepts. According to the Introduction, this will enable the reader to make a comparison with Czechoslovak endeavors in the field. No personalities are mentioned. There are 10 references: 4 Czech, 3 Soviet, 2 English, and 1 German; several periodicals are mentioned.

Card 1/7

ODEHNAL, Z.

"The theory of flying in a spin.

p. 18 (Kridla Vlasti Vol. 4, no. 4, Feb. 1958, Praha, Czechoslovakia)

Monthly Index of East European Accessions (FEAI) LC, Vol. 7, No. 6, June 1958

ODEHNAL, Z.

The theory of the spin.

P. 20. (DRIDLA VIANYI) (Praha, Czechoslovakia) No. 3, Feb. 1958

SO: Monthly Index of East European Accession (EEAI) IC Vol. 7, No. 5, 1958

ODEHNAL, S., inz.; PANTOFLICEK, J., inz.

Role of liquid fuels in the gas production. Saliva 44 no.5/6.
138-140 My-Je '64.

RIEDL, R., prof. dr. inz.; ODEHNAL, S., inz.

Possibilities of the gas industry development in the years
1970-1980. Paliva 44 no. 5/6: 132-135 My-Je '64.

SLIVA, V., doc., dr. inz.; ODERNAL, S., inz.

Evaluation of resources from the viewpoint of the gas industry
development. Paliva 43 no. 8:233-237 Ag'63.

QDEHNAL, S., inz.

Trends in the development of the Czechoslovak gas industry.
Paliva 43 no.6:161-162 Je '63.

ODENSKI, S., inz.

Congress of the International Gas Union in Stockholm; report
on the use of coke-oven gas in Czechoslovak gas industries.
Paliva 41 no.10:314-316 O '61.

GDEHNAL, S.; KLIMA, J.; STROBL, J.

Use of petroleum and oils in the development of the gas industry. p. 221.

PALIVA. (Ministerstvo paliv a Ceskoslovenska vedecka technicka spolecnost pro vyuziti paliv pri Ceskoslovenske akademii ved) Praha, Czechoslovakia, Vol. 39, no. 7, July 1959.

Monthly list of East European Accessions (EEAI) LC, Vol. 8, No. 11,
November 1959.

uncl.

ODEHNAL, S.

"Technical development of our gas industry." P. 116.

PALIVA. (Ministerstvo paliv a Ceskoslovenska vedecka technicka spolecnost pro byuziti paliv pri Ceskoslovenske akademii ved). Praha, Czechoslovakia, Vol. 39, No. 4, Apr. 1959.

Monthly list of East European Accessions (EEAI), LC, Vol. 8, No. 8,
August 1959.
Uncla.

ODEHNAL, S.

TECHNOLOGY

Periodical: PALIVA. Vol. 38, no. 10, Oct. 1958

ODEHNAL, S. New organization in our gas industry. p. 329.

Monthly List of East European Accessions (EEAI) LC, Vol. 8, no. 3
March 1959 Unclass.

CONFIDENTIAL, S.

"Adding fuel to gas-producing mixture."

PAIDVA. Praha, Czechoslovakia. Vol. 35, no. 1, Jan. 1955.

Monthly list of East European Accessions (CEAF), IC, Vol. 3, No. 6, Jun 59, Uncles

ODEHNAL, S.

"Trade-Union Members Help Production", P. 220, (PALIVA, Vol. 34, No. 8,
Aug. 1954, Praha, Czechoslovakia)

SO: Monthly List of East European Accessions, (EEAL), LC, Vol. 3, No. 12,
Dec. 1954, Uncl.

ODENAL, S.

"Some Practices of the Gas Industry in the German Democratic Republic",
P. 199, (PALIVA, Vol. 34, No. 7, July 1954, Praha, Czechoslovakia)

SO: Monthly List of East European Accessions, (EEAL), LC, Vol. 3, No. 12,
Dec. 1954, Uncl.

ODEHNAL, S.

"One Year's Work of Technicians and Rationalizers in the Gas Industry",
P. 196, (PALIVA, Vol. 34, No. 7, July 1954, Praha, Czechoslovakia)

SO: Monthly List of East European Accessions, (EEAL), LC, Vol. 3, No. 12,
Dec. 1954, Uncl.

ODEHNAL, S.

"Adjustment of Heat Combustion in Small Gasworks ", P. 187, (PALIVA,
Vol. 34, No. 7, July 1954, Praha, Czechoslovakia)

SO: Monthly List of East European Accessions, (EEAL), LC, Vol. 3, No. 12,
Dec. 1954, Uncl.

8.4

E.

221. DETERMINATION OF "INSTALLED PRODUCTION CAPACITY" OF
CZECHOSLOVAK GAS WORKS. Odehnal, S. (Paliva (Fuel), Oct.
1951, vol. 31, 286-289). A method of calculating a nominal
production figure (in cu. m of gas per 24 h) characteristic
of a gas works is outlined. (L). B.A.

Chem A

21

Availability and interchangeability of fuel gases. Slavoj
Michal. *Falno* 31, 111-17(1951). James L. Jazi

1967

Brit ads

BT - 2 Solid v Gas Fuels

Utilization of air-natural gas mixtures in power plants. S. Odeh and (Petra, 1966, 93, 91-103).--The utilization of air-natural gas mixtures requires the solution of a series of problems, resulting from the high λ , the low calorific value, and the low burning velocity of the mixtures, which necessitate a higher main pressure, but this, in turn, aggravates corrosion and leakage problems. Addition of gases of high H_2 content to the gas-air mixtures is recommended.
R. Tauson.

Best Ab.

GI-3, Petersburg

Use of natural gas in the Czech fuel-gas industry. S. Odlehnal and J. Dubeky (*Fuel*, 1930, 59, 67-78).—Natural methane and steam are converted in a Glover-West tower into CO and H₂.
R. TRUSCOR.

4743. RESULTS OF TWO YEAR PLAN IN GAS INDUSTRY. Odehnal, S.
(aliva a Voda, Feb. 1949, vol. 29, 29-32).

Czecho-slovak gas manufacturers have accomplished the task set them in the two years' plan. Production was 118% and 101% of the planned quantity, in the years 1947-1948 respectively, an average of 109% for the two years. Labour efficiency was 144% of that in 1947. There has been a steady increase in consumption of brown coal gas, coke-oven gas and natural gas. (L).

ASB-SLA METALLURGICAL LITERATURE CLASSIFICATION

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100
---	---	---	---	---	---	---	---	---	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	-----

ODEHNAL, M.

"Dynamic nuclear orientation" by C.D.Jeffries. Reviewed by
M.Odehnal. Chekosl fiz zhurnal 15 no.3:221-222 '65.

1. Institute of Nuclear Research of the Czechoslovak Academy of
Sciences, Rez. Submitted October 9, 1964.

ODEHNAL, Milan

"Dynamic nuclear orientation" by G.D. Jeffries. Reviewed by
Milan Odehnal. Cs cas fys 15 no.2:167-168 1965.

1. Institute of Nuclear Research of the Czechoslovak Academy
of Sciences, Rez near Prague. Submitted October 9, 1964.

ODEHNAL, Milan; PETRICEK, Vaclav

Quantum microwave amplifiers and oscillators (masers).
Ces cas fys 13 no.6:500-528 '63.

1. Ustav jadernoho vyzkumu, Ceskoslovenska akademie ved, Rez.

ODEHNAL, M.

Forbidden lines in the hyperfine spectrum of the electron
paramagnetic resonance of Mn^{++} in $BaTiO_3$. Chekosl fiz zhurnal
13 no.8:566-572 '63.

1. Ustav jaderneho vyzkumu, Ceskoslovenska akademie ved, Rez.

ODEHNAL, M.

A maser with emission frequency higher than the pumping frequency.
Chekosl fiz zhurnal 13 no.1:8-13 '63.

1. Ustav jaderneho vyzkumu, Ceskoslovenska akademie ved,
Rez.

BURGET, J.; ODEHNAL, M.; PETRICEK, V.; SACHA, J.

Dynamic polarization of protons in some polymers by using the solid effect method. Chekhosl fiz zhurnal 12 no.12:911-918 '62.

1. Nuclear Research Institute, Czechoslovak Academy of Sciences, Rez near Prague.

7
N
3
Nuclear polarization by electron paramagnetic resonance (EPR) in paramagnetic crystals. M. Odhval (Czechoslovak Acad. Sci., Prague). Czechoslovak Paper 491-51(1969) (in English).--The possibility of polarization of nuclei in paramagnetic salts by saturation of EPR is theoretically shown. The proposed method assumes saturation of the "forbidden" transitions (of the type $\Delta M = \pm 1, \Delta m = \pm 1, \pm 2$) for mutually perpendicular external steady and high-frequency magnetic fields. The degree of polarization equals that calculated by Overhauser (CA 48, 12984) and Jeffries (CA 51, 15296c); the present method can only be employed with paramagnetic materials when forbidden lines are observed. A. Kremulisek

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001237800046-6

Prague)
SUBMITTED: June 29, 1957



7
Nuclear polarization by electron paramagnetic resonance
(EPR) in paramagnetic crystals. M. Orban (Czechoslovakia).
Lead. Sci. Division. Prague. 1957. 10 pp. 10 refs.

3

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001237800046-6

ODEHNAL, M.

CZECH/37-59-2-10/20

AUTHOR: Milan Odehnal

TITLE: The Theory of Electron Paramagnetic Resonance in Ionic Crystals

PERIODICAL: Československý Časopis Pro Fysiku, 1959, Nr 2, pp 192-209

ABSTRACT: This is a review of the theory of electron paramagnetic resonance in ionic crystals of transient elements and the influence of the different terms of the spin Hamiltonian on the spectrum under observation is analyzed. The subject matter is dealt with under the following headings: 1) Introduction; 2) Elementary explanation of resonance; 3) Width of resonance curves; 4) Theory of electron resonance (4.1 Spin Hamiltonian; 4.2 Analysis of the individual terms of spin Hamiltonian; 4.3 Knowledge gained); 5) Derivation of the energy levels from the spin Hamiltonian (5.1 Weak-medium fields; 5.2 Powerful magnetic fields); 6) Examples on evaluation of spectra (explanation of the fine structure in a synthetic ruby 6.1; 6.2 explanation of the fine structure in radioactive Co^{60}); 7) Comments on the group palladium, platinum and actinides (7.1 palladium ✓

Card 1/2

MILAN ODEHNAL

7
3
Formation of higher iodine oxides by dehydration of periodic acid. Milan Odehnal (Masaryk Univ., Brno, Czech.). *Publ. Jat. univ. Masaryk No. 390, 10-32 (1958)* (German and Russian summary); cf. Bahl and Partington; *C.A.* 30, 37¹.--Paraperiodic acid, H_5IO_4 (I), was heated *in vacuo*, and the products were analyzed for I_2O_5 and I_2O_7 . After 10 hrs. at 117° and 1 mm. Hg I changed to HIO_4 ; at 0.001 mm. Hg the reaction occurred in about 7 hrs.

at 100°. After longer heating the $H_2O:I_2O_7$ ratio kept decreasing until it reached zero (22 hrs., 0.001 mm. Hg, 117°; 28 hrs., 0.001 mm. Hg, 100°, etc.). With the decreasing amt. of H_2O , I_2O_7 appeared in the products and the ratio $I_2O_7:I_2O_5$ approached 1 after longer heating. The formation of a compd. $I_2O_7 \cdot I_2O_5$ was suggested in analogy with $Sb_2O_7 \cdot Sb_2O_5$. 24 references. Alexei B. Boikov

RB
///

Handwritten initials

CZECHOSLOVAKIA/Chemical Technology - Chemical Products and
Their Applications - Fertilizers.

H.

Abs Jour : Ref Zhur - Khimiya, No 11, 1958, 36827

Author : Coufalik, F., Odehnal, M.

Inst : -

Title : Possibility of Getting Side Products in the Manufactu-
ring of Phosphorus Fertilizers by the Decomposition of
Natural Phosphates.

Orig Pub : Chem Prumysl, 1957, 7, No 9, 465-469

Abstract : It was shown that the best method for the isolation of
F in the form of Na_2SiF_6 from "Kolsky" apatite in the
manufacturing of a dicalcium phosphate dihydrate by ni-
tric acid extraction, is by precipitation with NaNO_3 .
12-20 parts of the latter material are used per hundred
parts of apatite. The yield of F is 58%-76% based on
its content. Precipitation of Na_2SiF_6 in the manufac-
turing of nitrophosphate type of fertilizers is not

Card 1/2

72

ODEHNAL, M

"Some heavy metal amidosulfonates"

Chemické Listy. Praha, Czechoslovakia. Vol. 49, no. 10, Oct 1955

Monthly list of East European Accessions (EEAI), LC, Vol. 8, No. 6, Jun 59, Unclas

ODENAL, I.

Experience in the evaluation of geologic research. p. 172.
RUDY, Praha, Vol. 3, no. 6, June 1955.

59: Monthly List of East European Accessions, (SEAL), LC, Vol. 4, no. 10, Oct. 1955,
Encl.

ODEHNAL, L.

"Discovery of An Old Ore-dressing Launder." p. 56 (RUDY, Vol. 1, No. 4, June 1953)
Praha, Czechoslovakia

SO: Monthly List of East European Accessions, Library of Congress, Vol. 3, No. 4,
April 1954. Unclassified.

ODEHNAL, J.

Mechanical bottom ejector of punch and die set. Stroj vyr 9 no.6:294-297 '61.

1. Tesla Hloubetin, n.p., Praha.

Present State of the (Cont.)	BOV/5799	
Ch. VIII. Scientific Research Work in the Field of Cold Impact Forging of Metals [P. Brzdil, Plant imeni Smolal, Brno]		355
Ch. IX. Experience in the Cold Impact Forging of Nonferrous Metals [K. Marvan and J. Odhmal, Plant Tesla, National Enterprise, Hloubetin, and V. Hrdolák, Scientific Research Institute of Vacuum Electrical Engineering, Prague]		381
Ch. X. The Manufacturing Process and Organization in the Stamping of Bodies at the Automobile Plant "National Enterprise (AZNP) Mladá Boleslav" [Z. Kejval, AZNP, Mladá Boleslav]		397
Ch. XI. The Mechanization of Obsolete Enterprises as a Means of Increasing Labor Productivity [B. Roman, Vítkovice Metallurgical Plant imeni Klement Gottwald, Ostrava]		410
Ch. XII. The Initial Pressworking of FeAl Alloys and Large FeCrAl Castings [F. Majer and J. Šolc, Scientific Research Institute of Iron, Prague].		

Card 7/8

Present State of the (Cont.)	SGV/5799	
Ch. II. Making Large Forgings [B. Kraus, New Metallurgical Plant imeni Klement Gottwald, Kunčice]		272
Ch. III. The Forging of Rotors for Turbogenerators [J. Novák, Metallurgical Plant imeni Lenin, Plzeň]		299
Ch. IV. The Forging of Large Crankshafts [S. Burda, K. Paul, and M. Honz, Metallurgical Plant imeni Lenin, Plzeň]		314
Ch. V. Techniques Used in Forging Large Rotors [P. Zlatohlávek, Vítkovice Metallurgical Plant imeni Klement Gottwald, Ostrava]		335
Ch. VI. The Forging of Forked Pipes for Gas Pipelines [J. Částka, Vítkovice Metallurgical Plant imeni Klement Gottwald, Ostrava]		345
Ch. VII. The Forging of Large Strengthening Rings for the Runners of Mixed-Flow Turbines [F. Kupa, Vítkovice Metallurgical Plant imeni Klement Gottwald, Ostrava]		348

Card 6/8

Present State of the (Cont.)	SOV/5799	36
Ch. XVII. Mass Production of Parts [Solid Wheels and Tires] by Forging With Subsequent Rolling [A.V. Altykia, and L.D. Gol'man]		208
Ch. XVIII. Forging and Bending of Plates [Ye.N. Moshain]		216
Ch. XIX. Making Large Forgings on Hydraulic Presses [N.S. Dobrinskiy, and N.V. Timokhinov]		229
Ch. XX. Drop-Hammer and Crank-Press Forging [D.I. Berezhkovskiy, and V.F. Shcheglov]		224
Bibliography		225
PRESSWORKING IN THE CzeSR		
Ch. I. The Development of Metal Pressworking Processes in the Czechoslovakian Socialist Republic [F. Drastik, Railroad Engineering Institute, Prague]		261
Card 5/8		

Present State of the (Cont.)	SOV/5799	
Ch. X. Bending and Straightening of Sheets, Shapes, and Tubes [Ye.H. Moshain]		112
Ch. XI. Stamping From Sheets and Strips [S.L. Zlotnikov and G.N. Rovinskiy]		119
Ch. XII. Automatic Pressworking Lines [S.L. Zlotnikov]		146
Ch. XIII. The Equipment of Blank-Producing Shops and Sections in Pressworking [P.V. Lobachov]		159
Ch. XIV. The Production of Blanks for [Machine] Parts by Helical Cross Rolling [S.P. Granovskiy and Ye. A. Stouha]		175
Ch. XV. Metal Extrusion on Hydraulic Presses [A.I. Kagalovskiy and L.A. Shofman]		188
Ch. XVI. Parts Forging From Light-Metal Alloys on Large Hydraulic Presses [I.D. Gol'man and L.A. Shofman]		201

Card 4/8

Present State of the (Cont.) of Metals [Ya.P. Unkov]	SOV/5799	36
Ch. III. Die Forging on Forging Presses [V.F. Volkovitskiy]		15
Ch. IV. Die Forging on Horizontal Upsetters [I.I. Girsh, deceased]		22
Ch. V. Die Forging on Drop Hammers and [Power-Screw] Percussion Presses [Ya. M. Okhrimenko and V.F. Shegolev]		31
Ch. VI. The Making of Forgings and Shaped Blanks in Forging Rolls [V.N. Martynov]		41
Ch. VII. Die-Sizing in Squeeze-Forming Presses [V.F. Volkovitskiy]		58
Ch. VIII. Rolling-Out Annular Blanks [Yu.L. Rozhdestvenskiy]		77
Ch. IX. The Manufacture of Metal Hardware on Pressworking Automatics [G.A. Navrotskiy]		82
		93

Card 3/8

Present State of the (Cont.)

86V/5799

Z. Kejval, V. Krauz, F. Kupka, Z. Mejer, K. Marvan, J. Novak, J. Odchnal, K. Paul, B. Semer, M. Hanz, J. Cástka, V. Sindelár, and J. Šolc; Eds.: A. Hejepsa and M. Vlk.

PURPOSE: This book is intended for engineers and scientific personnel concerned with the pressworking of metals.

COVERAGE: Published jointly by Mashgiz and SNTL, the book discusses the present state of the pressworking of metals in the USSR and the Czechoslovak Socialist Republic. Chapters were written by both Soviet and Czechoslovak writers. No personalities are mentioned. There are 129 references: 98 Soviet, 16 English, 8 German, 5 Czech, and 2 French.

TABLE OF CONTENTS:

PRESSWORKING IN THE USSR

Ch. I. The Characteristics of Forging Shops in USSR Plants [A.I. Zimin and Ye.P. Unksov] 5

Ch. II. Methods of Calculating the Pressure for Forging in the Pressworking

Card 2/8

ODEHNAL, J.

36

PHASE I BOOK EXPLOITATION

SOV/5799

Unksov, Ye.P., Doctor of Technical Sciences, Professor, Ed.

Sovremennoye sostoyaniye kuznechno-shtampovochnogo proizvodstva (Present State of the Pressworking of Metals) [Moscow] Mashgiz, 1961. 434 p. 5000 copies printed.

Ed. of Publishing House: A.I. Sirotin; Tech. Ed.: B.I. Model'; Managing Ed. for Literature on the Hot Working of Metals: S.Ya. Golovin, Engineer.

Title: Kuznechno-shtampovochnoye proizvodstvo v SSSR (The Pressworking of Metals in the USSR) by: A.V. Altykis, D.I. Berezhkovskiy, V.F. Volkovitskiy, I.I. Girsh (deceased), L.D. Gol'man, S.P. Granovskiy, N.S. Dobrinskiy, A.I. Zamin, S. L. Zlotnikov, A.I. Kagalovskiy, P.V. Lobachev, V.N. Martynov, Ye.N. Meshnin, G.A. Navrotskiy, Ye.M. Okhrimenko, G.W. Rovinskiy, Ye.A. Stesha, Yu.L. Rozhdestvenskiy, N.V. Tikhcalrov, Ye.P. Unksov, V.F. Shcheglov, and L.A. Shofman; Eds: Ye.P. Unksov, Doctor of Technical Sciences, Professor, and B.V. Rozanov.

Title: Kuznechno-shtampovochnoye proizvodstvo v ChSSR (The Pressworking of Metals in the Czechoslovak SR) by: S. Burda, F. Hrazdil, F. Drastik, F. Zlatohlavok

Card 1/8

BRIGACEK, V.; ODEHNAL, J.; HUZICKA, J.

Certain considerations on color pyramid test. Cesk.psychiat. 56
no.1:61-63 F '60.

1. Katedra psychologie filosoficke fakulty KU, Praha.
(PSYCHOLOGICAL TESTS)

OTOMM, J.

Kirvan, K. Gold-washing of aluminum. p. 95.
OTOMMISKA YAKHIA, Praha, Vol. 1, no. 3, Mar. 1955.

SO: Monthly List of East European Acquisitions, (EEL), LC, Vol. 4, no. 10, Oct. 1955,
Incl.

UMLAUF, Richard, podplukovník, MUDr.; FREC, Antonín, podplukovník, MUDr.;
PAVLÍK, Lubor, podplukovník MUDr.; ODEHNAL, František, major
MUDr.

Acupuncture and its therapeutic importance. Voj. zdrav. listy
34 no.2:70-74. Ap '65.

1. Vojenská nemocnice Slovenského národního povstání, Ružomberok;
chirurgické oddělení (náměstník: podplukovník dr. Jan Kulháněk);
neurologické oddělení (náměstník: podplukovník dr. Antonín Frec);
a otorinolaryngologické oddělení (náměstník: podplukovník dr.
Lubor Pavlík).

MELKOVA, V.; SMUTNA, V.; ODEHNAL, F.

The effect of phosphate cement on dentin in the electron microscopic picture. *Cesk. stomat.* 65 no.5:325-330 S 165.

I. II. stomatologicka klinika lekarake fakulty University J.E. Purkyne v Brne (prednosta prof. dr. Jos. Svejda, DrSc.) a Vyzkumny ustav stavebnich hmot v Brne (prednosta inz. J. Zacek, CSc.).

OBSEHNAL, F.

Technic of photography of the larynx. Cesk. otolaryng. 13
no.2:124-127 Ap '64.

ODRHNAL, F.

An apparatus for black-white and color photography of the ear drum
with a reflex camera. Cesk. otolar. 10 no.5:307-310 0 '61.

(TYMPANIC MEMBRANE) (PHOTOGRAPHY equip & supplies)

ODEGOVA, V.V.

Experimental gastric ulcer in dogs. Eksper. khir. i anest. 9
no.3:43-46 My-Je '64. (MIRA 18:3)

1. Kafedra patofiziologii (zav. - chlen-korrespondent AMN SSSR
prof. A.D. Ado) II Moskovskogo meditsinskogo instituta imeni
Pirogova.

ODEGOV, Ye.V.; ZAIKINA, L.S.

Phase transformations in the quartzite lining of hearth blocks.
TSvet. met. 37 no.9:82-88 S '64. (MIRA 18:7)

SOV/136-59-4-15/24

Hearth Blocks in Electric Furnaces with a Steel Core for Copper Melting

tabulated. Preliminary tests showed the first two types to be unsatisfactory, the fireclay variant of the third type giving the best results. Improved production methods were developed: a semi-acid high-alumina fireclay with quartz, tamped pneumatically into special moulds (Fig 3) gave blocks with a life of 2.5 months. The furnace starting-procedure was designed to avoid the formation of air pockets in the block channels. The authors stress the importance of avoiding copper-oxide attack on the block and recommend that the block casing should be attached, without intermediate flanges, to the furnace casing. N.A. Finogenova and E.O. Shternbek of the Noril'skiy kombinat (Noril'sk Combine) participated in the work. There are 4 figures and 1 table.

ASSOCIATION: Noril'skiy kombinat (Noril'sk Combine)

Card 2/2

AUTHORS: Piotrovskiy, V.K., Odegov, Ye.V. and Kalachikova, N.V. SOV/136-59-4-15/24
TITLE: Hearth Blocks in Electric Furnaces with a Steel Core for
Copper Melting (Podovyye kamni v elektropetchakh so
stal'nyy serdechnikom dlya plavki medi)
PERIODICAL: Tsvetnyye metally, 1959, Nr 4, pp 74-78 (USSR)

ABSTRACT: The authors discuss the advantages of the "Skometa" type copper-melting furnace (Fig 1) in which the core-containing hearth block is not in direct contact with the metal bath (Fig 2). The Elektropech' trest (trust) recently designed a 15-tonne furnace of this type (OKB-303) with a steel core and six inductors. An experimental 1/8-scale furnace was built to provide experience in the USSR of this type and design data. The authors describe this work in which three types of hearth block were tested. The first was made of rammed siliceous paste with manual tamping within the furnace; the second consisted of specially moulded and fired artificial-corundum blocks; moulded but unfired fireclay or electrocorundum-base materials were used in the third. The details of materials and methods are

Card 1/2

ODZGOV, Ye.V.

Using fire-refining process in reducing copper by coal dust.
Biul.TSIIN tsvet.met. no.10:20-23 '58. (MIRA 11:9)
(Copper--Metallurgy)

GROSSMAN, R.I.; ODEGHAL', M.P.

Combined tractor-mounted drills for grain and hayseeds. Trakt. i
sel'khoz mash. 30 no.9:33-36 8 '60. (MIRA 13:9)
(Drill (Agricultural machinery))

GROSSMAN, R.I.; ODEGNAL', M.P.

Mounted grain and grass sowing machines. Biul.tekh.-ekon.inform.
no.5:49-52 '60. (MIRA 14:3)

(Brill)

GROSSMAN, R.I.; ODEGNAL', M.F.

Mounted grain drills. Biul.tekh.-ekon.inform. no.3:49-51
'60. (MIRA 13:6)
(Drill(Agricultural implement))

D

ODECHOWSKA, Z.

COUNTRY : Poland
 CATEGORY : D

ABB. JOUR. : RZKhim., No. 21 1950, No. 74597

AUTHOR : Gleysztor, M. and Odechowska, Z.
 INST. : Not given
 TITLE : Observations on the Thermal and Chemical Properties of Mazurian Lakes in the Gizycko Region

ORIG. PUB. : Polskie Arch Hydrobiol, 4, 123-152 (1958)

ABSTRACT : Observations made on 19 Mazurian lakes (49 stations) during the month of August, 1950, are reported. Graphs of vertical temperature distribution and tables of meteorological data are given. The concentration of O_2 (in % of saturation) at the surface was found to be 62.5-195.6 and at the bottom of lakes of over 20 m depth, up to 32.7%; lakes of less than 5 m depth showed a bottom O_2 concentration of ≥ 62.6 . Data

CARD: 1/2

ODE, Irmína, mgr

Some aspects of mechanized labor in industry. Chemik 17 no. 11:
418-419 N '64.

ODCZASKI, Stanislaw, inz.

Ore defrosting post at the reloading station in Madyka.
Gosp pullw 12 no.41142 Ap'64.

1. District Inspectorate of Fuel and Power Management, Radom.

ODCHAZELOVA, E.

Dietary regimen of rural school children and some examples of the somatic development of school children in the area of Duba (Doksy District). p. 480.

CESKOSLOVENSKA HYGIENA. Praha, Czechoslovakia. Vol. 4, no. 8, Sept. 1959.

Monthly list of East European Accessions (EEAI) LC, Vol. 9, no. 1, January 1960.

Uncl.

ODCHAZELOVA E.

BLAZEK, F.; HRUBCOVA, M.; KAPALIN, V.; ODCHAZELOVA, E.; PROKOPEC, M.; PROSEK, V.;
SOBOVA, A.

Examination, follow-up & assessment of physical growth & development.
Cesk. pediat. 13 no. 4:296-303 5 May 58.

1. F. B., Praha II, Ke Karlovu 2.
(GROWTH, in inf. & child
measurement (Cz))

BABAYEV, H.G.; ODAYSKIY, P.D.

New method for cleaning vessels for petroleum products. Za tekh.progr.
3 no.3:43-44 Mr '63. (MIRA 16:10)

1. Upravleniye zheleznoy dorogi AzerbSSR (for Babayev).
2. Azerbaydzhanskiy politekhnicheskiy institut (for Odayskiy).

SUKHOVA, G.V.; IVANOV, S.A.; ODAYSKAYA, Ye.D.

Equipment for washing work clothes and cleaning dust off them.
Adm.-byt. komb. ugel'. shakht. no.4:37-42 '61. (MIRA 15:8)

1. Akademiya kommunal'nogo khozyaystva im. K.D.Pamfilova.
(Work clothes--Cleaning) (Dust--Removal)

BRKIC, S.; ODAVIC, R.

Determination of lipoproteins in the blood serum with the paper electrophoretic method. Med. arh. 15 no.5:71-76 S-0 '61.

1. Institut za fiziologiju i biohemiju Medicinskog fakulteta u Sarajevu (Sef: prof. dr A.Sabovljević).
(LIPOPROTEINS blood)

80104

S/080/60/033/04/35/045

The Synthesis and the Investigation of the Properties of Polyorganosiloxanes Containing the Groups $n\text{-FC}_6\text{H}_4\text{-}$, $\text{-(CH}_2\text{)}_3\text{-O-CF}_2\text{CFClH}$ and $\text{-(CH}_2\text{)}_3\text{-O-CF}_2\text{CF}_2\text{H}$

siloxanes is considerably higher than the energy of the viscous flow of organoxysiloxanes of the same structure.

There are: 2 tables and 13 references, 4 of which are Soviet, 6 American, 2 English and 1 German.

SUBMITTED: November 9, 1959

Card 2/2

S-3700B

80104
S/080/60/033/04/35/045

AUTHORS: Rodzevich, N.Ya., Grinevich, K.P., Odavashyan, G.V., Ponomarenko, V.A. 7

TITLE: The Synthesis and the Investigation of the Properties of Polyorganosiloxanes
Containing the Groups $n\text{-FC}_6\text{H}_4\text{-}$, $\text{-(CH}_2\text{)}_3\text{-O-CF}_2\text{CFClH}$ and $\text{-(CH}_2\text{)}_3\text{-O-CF}_2\text{CF}_2\text{H}$

PERIODICAL: Zhurnal prikladnoy khimii, 1960, Vol 33, Nr 4, pp 957 - 961

TEXT: The study of the reaction of cohydrolysis of trimethylchlorosilane, dimethyldichlorosilanemethylphenyldichlorosilane with various fluorosilicon-organic chlorosilanes showed that the reaction proceeds mainly in the direction of obtaining cohydrolysis products of linear structure. The viscosity of these products is somewhat increased in comparison with the viscosity of pentamers not containing fluorine atoms. The study of the properties of the compounds containing five silicon atoms in the molecule showed that the freezing points of the fluoroorganosiloxanes lie within the range $(-65) - (70)^\circ\text{C}$, i.e. approximately on the same level as for polymer 6 which does not contain fluorine atoms. The energy of the viscous flow of fluoroorganooxy-

Card 1/2

ZNAMENSKY, M.S.; ODARYUK, T.S.

Hemotransplantation of arteries based on total blood exchange to overcome tissue incompatibility. (Experimental study). Acta chir. plast. (Praha) 7 no.3:228-235 '65.

1. Department of Surgery and Regional Anatomy, Kirghiz State Medical Institute, Frunze (USSR) (Director: Prof. M.S. Znamensky).

ODARICH, T.P. [Odarych, T.P.]; IL'CHENKO, M.F.

Propagation of plane trees under the climatic conditions for
Kiev. Vistyky Kyiv. un. no. 5. Ser. biol. no. 2:10-20 '62.

(MIRA 1635)

(KIEV--PLANE TREE) (PLANT PROPAGATION)

ODARICH, T.P.

Effect of certain chemicals and hormone and vitamin preparations on the rooting of cuttings and the growth of seedlings and transplants of woody plants. Ukr. bot. zhur. 18 no. 2:41-51 '61. (MIRA 14:5)

1. Ukrainskaya Akademiya sel'skokhozyaystvennykh nauk, kafedra dendrologii.

(Growth promoting substances) (Trees)

ODARICH, T.P.

Use of heteroauxin and gibberellin in raising plane trees. Bot.
shur. 45 no.12:1810-1812 D '60. (MIRA 13:12)

1. Ukrainskaya akademiya sel'skokhozyaystvennykh nauk, Kiyev.
(Kiev--Plane tree) (Gibberellins) (Indolacetic acid)

ODARICH, T.P. [Odarych, T.P.]

Natural reproduction of the white pine by seeds in the environs of Kiev [with summary in English]. Ukr.bot.zhur. 15 no.3:49-53
' 58. (MIRA 11:12)

1. Ukrainskaya akademiya sel'skokhozyaystvennykh nauk, kafedra dendrologii.

(Kiev--Pine)

USSR/Cultivated Plants - Fruits. Berries.

M

Abstr Jour : Ref Zhur Biol., No 12, 1958, 53809

Author : Odarich, T.P., Il'chenko, M.F.

Inst : Kiev University

Title : An Experiment with Cuttings of the Common Pear

Orig Pub : Nauk. zap. Kiivs'k un-t, 1957, 16, No 1, 105-109

Abstract : The experiment with the pear cuttings was conducted in the hot beds and in the greenhouses of the V.V. Fomin Botanical Garden (Kiev). The pre-planting treatment of the lower ends of the green cuttings with 0.015% and 0.020% water solutions of β -indolylacetic acid for 24 hours resulted in 36% of the cuttings taking root. With the additional spraying of the planted cuttings with the same solution, 52% of the cuttings took root. With the treatment of the cuttings with 0.010% solution

Card 1/2

ODARICH, T.P.

Vegetative propagation of the Amur cork tree. Bot. zhur. [Ukr.] 12
no. 2:29-39 '55. (MIRA 8:10)

1. Ukrains'ka ordena Trudovogo Chervonogo prapora sil's'kogospo-
dars'ka akademiya, kafedra dendrologii
(Amur cork tree)

BEREZIN, A.I., kand.med.nauk. ODARICH, L.P.

Problem of arterial dystonia. Terap.arkh.30 no.9:28-36 S'58 (MIRA 11:10)
(HYPERTENSION, etiology and pathogenesis,
arterial dystonia (Rus))
(HYPOTENSION, etiology and pathogenesis,
arterial dystonia (Rus))

ODARICH, I. I.

32002. O rasstroystvakh zechi pri razsheniya khimicheskoy volny. Trudy
Kiyevsk. Nauch. i inzh. Inst. Khim. Inzh. Inst. Inzh., T. XII, 1949, s. 102-103.

50: Letopis' Zhurnal'nykh Stat'ey, Vol. 44, Moskva, 1949

20529

Measurement of dispersion and....

S/115/61/000/001/007/007
B104/B203

Legend to Table 5: Conductivity.
 1) Methyl alcohol, 2) ethyl alcohol,
 3) n-propyl alcohol, 4) n-butyl
 alcohol, 5) n-amyl alcohol, 6) n-
 hexyl alcohol, 7) n-heptyl alcohol,
 8) n-octyl alcohol, 9) nonyl
 alcohol, 10) diethyl formamide.

ТАБЛИЦА 5

Спирты	$\sigma \cdot 10^4, \text{OM}^{-1} \cdot \text{CM}^{-1}$		
	$\lambda = 96 \text{ CM}$	$\lambda = 27,2 \text{ CM}$	$\lambda = 3,18 \text{ CM}$
Метилловый 1	11	86	400
Этиловый 2	18	112	130
n-Пропиловый 3	15	33	86
n-Бутиловый 4	17	22	58
n-Амчловый 5	9,7	22,7	31
n-Гексиловый 6	8,1	13	29
n-Гептиловый 7	9,8	13	23
n-Октиловый 8	8,5	5,7	18
Нониловый 9	8,0	12,8	19
Диэтилформамид 10	9,0	—	460

Card 7/7

20529

Measurement of dispersion and

S/115/61/000/001/007/007
B104/B203

Таблица 4

Вещество	ρ	n^0	$\lambda_g^0, \text{ см}$		
			$\lambda=90 \text{ см}$	$\lambda=27,2 \text{ см}$	$\lambda=8,18 \text{ см}$
$\text{C}_2\text{H}_5\text{OH}$	33,7	1,766	12,1	14,0	5,34
$\text{C}_3\text{H}_7\text{OH}$	25,7	1,862	27,3	30,46	9,31
$\text{C}_4\text{H}_9\text{OH}$	22,8	1,918	64,5	55,16	9,76
$\text{C}_5\text{H}_{11}\text{OH}$	19,2	1,957	76,8	74	11,13
$\text{C}_6\text{H}_{13}\text{OH}$	16	1,987	89,0	117	11,45
$\text{C}_8\text{H}_{17}\text{OH}$	13,7	2,070	106	111,5	11,95
$\text{C}_9\text{H}_{19}\text{OH}$	--	2,025	--	--	--
$\text{C}_{10}\text{H}_{21}\text{OH}$	9,8	2,038	113	140	11,7
$\text{C}_{11}\text{H}_{23}\text{OH}$	--	2,055	--	--	--
Изо- $\text{C}_{11}\text{H}_{23}\text{OH}$	5,7	1,981	--	76	--

Card. 6/7

20529

Measurement of dispersion and...

S/115/61/000/001/007/007
B104/B203

Legend to Table 3: Relaxation time in $\cdot 10^{-10}$ seconds.
 1) Molecular radius, 2) methyl alcohol, 3) ethyl alcohol, 4) n-propyl alcohol, 5) n-butyl alcohol, 6) n-amyl alcohol, 7) n-hexyl alcohol, 8) n-octyl alcohol, 9) isoamyl alcohol.

Таблица 3

Спирты	Время релаксации $\tau \cdot 10^{-10}$, сек		Радиус молекул $a \cdot 10^{-8}$, см
	$\lambda = 27,2$ см	$\lambda = 96$ см	
Метилловый 2	0,08	0,07	1,55
Этиловый 3	0,17	0,16	1,62
n-Пропиловый 4	0,46	0,54	1,91
n-Бутиловый 5	0,73	0,76	2,1
n-Амиловый 6	1,37	1,61	2,2
n-Гексиловый 7	1,53	1,45	2,2
n-Октиловый 8	2,54	2,05	-
Изоамиловый 9	2,08	-	-

Card 5/7

X

20529

Measurement of disperation and....

8/115/61/000/001/007/007
B104/B203

Legend to Table 2: Wavelength
with maximum absorption.

- 1) Methyl alcohol, 2) ethyl alcohol, 3) n-propyl alcohol, 4) n-butyl alcohol.

Спирты	λ_m , см	
	$\lambda=27,2$ см	$\lambda=96$ см
1 Метилловый 1	3,2	2,8
2 Этиловый 2	8,2	7,3
3 n-Пропиловый 3	16,0	18,7
4 n-Бутиловый 4	23,5	24,4

Tab 2

20529

Measurement of dispersion and....

S/115/61/000/001/007/007
B104/B203

molecule. There are 5 tables and 3 references: 2 Soviet-bloc.

Таблица 1
Действительные и мнимые части комплексной диэлектрической проницаемости

1 Вещество	$\lambda=98 \text{ см}$		$\lambda=27,2 \text{ см}$		$\lambda=3,18 \text{ см}$	
	ϵ'	ϵ''	ϵ'	ϵ''	ϵ'	ϵ''
CH_3OH	33,2	6,27	27	14	10,0	7,77
$\text{C}_2\text{H}_5\text{OH}$	23,9	10,4	12,4	—	4,34	2,48
$\text{C}_3\text{H}_7\text{OH}$	16,3	8,8	6,0	5,42	3,91	1,65
$\text{C}_4\text{H}_9\text{OH}$	12,4	9,8	4,0	3,65	3,26	1,12
$\text{C}_5\text{H}_{11}\text{OH}$	9,75	5,57	2,7	3,71	3,0	0,58
$\text{C}_6\text{H}_{13}\text{OH}$	7,0	4,89	2,7	2,1	2,54	0,56
$\text{C}_7\text{H}_{15}\text{OH}$	7,63	5,83	2,67	2,0	2,68	0,43
$\text{C}_8\text{H}_{17}\text{OH}$	5,28	4,89	2,32	0,94	2,57	0,34
$\text{C}_9\text{H}_{19}\text{OH}$	6,1	4,6	2,9	2,09	2,39	0,36
Изо- $\text{C}_{10}\text{H}_{21}\text{OH}$	—	—	2,4	4,6	2,89	0,61
2 Диэтилформамид	27,4	5,16	—	—	9,7	9,0

Legend to Table 1: Real and complex components of the dielectric constant.
2) Diethyl formamide.

Card 3/7

20529

Measurement of dispersion and....

S/115/61/000/001/007/007
R104/B203

circuited waveguide, thus permitting a comparison. Results are compiled in Tables 1-5. The measurement results obtained with 96 cm and 27.2 cm waves show that, in the case of methyl-, ethyl-, n-propyl-, and n-butyl alcohol, the "wave jump" λ_s , which should be constant according to the Debye theory of the polarization of liquids in a high-frequency field, lies in the range of 12-80 cm. With amyl-, hexyl-, heptyl-, octyl-, and nonyl alcohol, the calculation of λ_s gave no satisfactory results. This proved the impracticability of the Debye theory. The deviations were especially strong in the results obtained with the wavelength of 3.18 cm. Table 4 shows that all values of λ_s^e are nearly the same, except for that of methyl alcohol. Table 5 shows that the conductivity of the substances tested increases with increasing frequency. Evidently, the increase in conductivity is connected with increasing number of carbon atoms in the molecule. This rule, however, only holds in a wave range in which the waves are larger than the length of the "wave jump". In the range $\lambda < \lambda_s$, the conductivity decreases with increasing number of carbon atoms in the

Card 2/7

20529

24.2000 1138, 1043, 1160

S/115/61/000/001/007/007
B104/B203

AUTHORS: Burdun, G. D., and Odarenko, N. L.

TITLE: Measurement of dispersion and absorption of electromagnetic waves in polar liquids

PERIODICAL: Izmeritel'naya tekhnika, no. 1, 1961, 51-54

TEXT: The authors measured absorption and dispersion of decimeter and centimeter waves in polar liquids. As polar liquids they chose the homolog series of normal alcohols, further isoamyl alcohol and diethyl formamide. The measurements were made with 96, 27.2, and 3.18-cm waves at a temperature of $20 \pm 1^\circ\text{C}$. The measurements with the wavelengths 27.2 and 96 cm were made with the aid of a condenser measuring circuit, those at 3.18 cm by means of a waveguide measuring device. It was found that condensers had to be sufficiently small to attain the required accuracy. Control measurements of the real and complex components of the dielectric constant in the decimeter band were made with water; the error is indicated with about 5%. Measurements in the centimeter band were made in two variants with short-

Card 1/7

ODARENKO, N. L.

"Investigation of the Dispersion and Absorption of Electromagnetic Waves of the Decimeter and Centimeter Band in Polar Liquids." Cand Phys-Math Sci, Moscow State Pedagogical Inst imeni V. I. Lenin, Moscow, 1955. (KI, No.12, Mar. 55)

SO: Sun. No. 670, 29 Sep 55--Survey of Scientific and Technical Dissertations Defended at USSR Higher Educational Institutions (15)

ODARCHENKO, Mariya Fedorovna; YARGSLAVSKAYA, N.L., redaktor; POPOVA, N.A.,
tekhicheskiy redaktor

[On our poultry farm] Na nashel ptitseferme. Rostov-na-Donu, Rostov-
skoe kn-vo, 1955. 13 p. (MIRA 10:1)

1. Zaveduyushchaya ptitsefermoy kolkhoza imeni Molotova, Batayskogo
rayona (for Odarchenko)
(Poultry)

ODARCWENKO, Al. (Broumov, Czechoslovakia)

Classification systems for mental diseases. Zhur.nevr.i psikh.
60 no.1:85-90 '60. (MIRA 13:6)
(MENTAL ILLNESS)

ODARCENKO, Alexej

Schizofunction. Cesk. psychiat. 53 no.3:192-199 May 57.

(SCHIZOPHRENIA
(Cz))

ODARCENKO, ALEKSEJ

ODARCENKO, Aleksej, MUDr

Notes on the essence of Schizophrenia. Neur. psychiat. cesk. 18
no.1:52-59 Feb 55.

(SCHIZOPHRENIA, pathology
nature of dis., theory)

ODARCENKO, A.

www.dia.ic.gov

Certain dementias in children. *Pediat. listy* 5 no.4:227-
230 July-Aug. 1950.
(CLML 20:1)

ODAR, Z.

Statistical principles of medical research. Zdrav. vestn. 34
no. 7/8:141-145 '65.

ODANOVICH, V., shturman (Volgograd)

Parachuting newspaper matrices. Grazhd. av. 20 no. 6:19
Je '63. (MIRA 16:8)

(Parachuting)

ODALOS, P.

"Directions by the Intercommunications Officer in an Electric Power Distribution Station."
p. 157, Praha, Vol. 4, no. 4, Apr. 1954.

SO: East European Accessions List, Vol. 3, No. 9, September 1954, Lib. of Congress

JEZDIC, V.; ODALIC, J.

Synthesis of 5-bromouridine; abstract. (Hem dr 27 no.9/10:
531 '64

1. The Boris Kidric Institute of Nuclear Sciences, Hot-Labo-
ratory Department, Belgrade-Vinca.

ODACHOWSKI, Ludwik

Attempts of applying very hard fiber boards for floors. Przem drzew
12 no.10:10-13 '61.

(Floors)