

PODRAZHANSKIY, A.S., dotsent; SIL'VAY, K.K.

"History of medicine by S.Sandor. Reviewed by A.S.Podrazhanskii,
K.K.Sil'vai. Sov. zdrav. 20 no.10:87-88'61. (MIRA 14:9)
(MEDICINE) (SANDOR, S.)

VONESH, F. [Vones, F.]; PODRAZKI, V. [Podrazky, V.]; SHIMOVA, Ya.
[Simova, J.]; VESELI, Z. [Vesely, Z.]

Some changes occurring in the protein complex of rye endosperm
during the germination of the kernel and flour heating.
Biokhim. zer. i khlebopech. no.7:151-158 '64. (MIRA 17:9)

1. Tsentral'nyy issledovatel'skiy institut pishchevoy
promyshlennosti, Praga.

PODRAZHANSKAYA, B.S.

2

12068* (Growth Stimulators as Micro Fertilizers.) Stimulatory roots kak mikroobrenita. F. F. Matskov and B. S. Podrazhanskaya. Doklady Akademii Nauk SSSR, v. 95, no. 6, pp. 1329-1331.
Small additions of α -naphthyl acetic acid and 2,4-D increased efficiency of mineral fertilizers. Tables. 1 ref.

PODRASKY, E.

PODRASKY, E. Reinforced- concrete constructions of multistory buildings. p. 84

Vol. 4, no. 3, Mar. 1956

POZEMNI STAVBY

TECHNOLOGY

Praha, Czechoslovakia

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

PODRASKY, E. ; VANCURA, J.

Design of durable and adaptable industrial buildings. p. 564.
Problems and tasks of industrial research in Hungary. p. 567.

Vol. 5, no. 12, Dec. 1955
ZA SOCIALISTICKOU VEDU A TECHNIKU
Praha, Czechoslovakia

So: Eastern European Accession Vol. 5 No. 4 April 1956

PODRAZA, S.

It is possible to educate oneself. p. 7; ROLNIK SPOLDZIELCA. (Centrala Rolnicza Spoldzielni "Samopomoc Chlopska"); Vol. 8, no. 25, June 1955.

SOURCE: East European Accessions List (EEAL), Library of Congress, Vol. 4, No. 12, December 1955.

PODRAZA, S.

Aid to collective farms. p. 7.
ROLNIK SPOLNOCIELCA, Warszawa, Vol. 3, no. 28, July 1955.

SO: Monthly List of East European Accessions, (EEAL), LC, Vol. 4, no. 10, Oct. 1955,
Uncl.

PODREZAN, V.V.

PHASE I BOOK EXPLOITATION SOV/4925

Viduyev, Nikolay Grigor'yevich, Daniil Ivanovich Rakitov, Vladislav Pavlovich Grzhibovskiy, Vsevolod Andreyevich Krumelis and Vladimir Viktorovich Podrezan

Osnovy geodezicheskikh razbivochnykh rabot (Principles of Survey Layout Work) 2nd ed., rev. and enl. Kiyev, Gosstroyizdat UKrSSR, 1960. 469 p. 3,000 copies printed.

Ed.: O. Kul'chitskaya; Tech. Ed.: V. Lyamkin.

PURPOSE: The book is intended for engineers and technicians working in the field of civil engineering.

COVERAGE: This book deals with theoretical and practical problems of survey layout work necessary in the construction of industrial plants and public buildings, hydrotechnical structures, roads, and bridges. No personalities are given. There are no references.

TABLE OF CONTENTS:

Foreword

~~Card 3/6~~

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USSR / Soil Science. Mineral Fertilizers. J

Abs Jour : Ref Zhur - Biologiya, No 11, 1958, No. 48637

Author : Podrazhanskaya, B. S.
 Inst : Kharkov Agricultural Institute
 Title : Raising the Effectiveness of Mineral Fertilizers
 Through the Addition of Growth Activating Sub-
 stances

Orig Pub : Zap. Khar'kovsk. s.-kh. in-ta, 1957, 13 (50),
 9-24

Abstract : The Chair of Plant Physiology of Kharkov Agri-
 cultural Institute has since 1947, for seven
 years, conducted vegetative and small sample
 plot field experiments with spring and winter
 wheat, oats, sugar-beets, and potatoes to study
 the effect of adding microdoses of heteroauxin,
 α -naphtyl-acetic acid and 2,4-dichlorophenylace-

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USSR / Soil Science. Mineral Fertilizers. J

APPROVED FOR RELEASE: 06/15/2000 No CIA-RDP86-00513R001341510015-0"

Abs Jour : Ref Zhur - Biologiya, No 11, 1958, No. 48637

tic acid to NPK. The harvest of dry oat mass increased chiefly through grain from the most effective heteroauxin dose to 159%, 2,4-dichlorophenylacetic acid to 130%, and α -naphtylacetic acid to 144%. In field experiments, where a 35 gram/meter² dose was applied in the furrow the increase of the harvest crop from heteroauxin amounted to 146%, and 2,4-dichlorophenylacetic acid to 115% in the crop with NPK, whereas positive results were also obtained from use of a technical herbicide preparation in a dose of 10 mg./kg. Positive results were also obtained from growth regulators in other plants with the exception of the technical preparation of 2,4-dichlorophenylacetic acid under beets

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USSR / Soil Science. Mineral Fertilizers. J

Abs Jour : Ref Zhur - Biologiya, No 11, 1958, No. 48637

USSR/Soil Science - Biology of Soils.

J

Abs Jour : Ref Zhur Biol., No 22, 1958, 100046

Author : Podrazhanskaya, D.S., Beletskaya, L.M.

Inst : Khar'kov' Agricultural Institute

Title : The Effect of Growth-Activating Agents during Their Introduction into the Soil Together with Mineral Fertilizers on the Azotobacter Development.

Orig Pub : Zap. Khar'kovsk. s.-kh. in-ta, 1957, 13 (50), 53-58

Abstract : The count of azotobacter on soil slides, prepared from the soil fertilized by granulated superphosphate (I), I plus different doses of heteroauxin or I plus different doses of the potassium salt of heteroauxin, on which under laboratory conditions, in the course of 10 preceding days, wheat had been germinated, indicated that heteroauxin and its potassium salt noticeably stimulated

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USSR/Soil Science - Biology of Soils.

J

Abs Jour : Ref Zhur Biol., N 22, 1958, 100046

the development of azotobacter in the soil. -- G.P.
Kalina

Card 2/2

PODRAZHANSKAYA, B. S.

②
Growth stimulants as micro fertilizers. F. F. Matskov and B. S. Podrazhanskaya. *Doklady Akad. Nauk S.S.S.R.* 95, 1329-31(1954); *Sf. C.A.* 44, 9609f.—Introduction of small ams. (0.1 mg. per kg.) of various growth stimulants into the soil of oat cultures increased the crop of the plant. The highest yield increase results from 2,4-D introduced in the spring; 1-naphthylacetic acid also gave improved crop, but following a fall introduction into the soil its effects are not nearly so lasting for spring growth as are those from 2,4-D. Heterosuzin introduced in the fall disappears completely over the winter and fails to show any activity by the time of spring growth.
G. M. Kosolapoff

15A

CA

Growth stimulators as micro-fertilizers. F. P. Matskov and B. S. Podrazhanskaya (V. V. Dokuchaev Agr. Inst., Kharkov). *Doklady Akad. Nauk S.S.S.R.* 72, 350-61 (1959).—Dusting with or actually applying to the soil (plowing) the usual growth hormones: heteroauxin, 2,4-D, or naphthylacetic acid (dosage -35 g. per ha.) with usual N-P-K plant diet on pilot plantings of sugar beets, oats, and winter wheat, readily gave up to 40% increase of crop yield. With wheat the best results (21% rise) occurred when the addend was sown with the seed and fertilizer. Surface deposition gave somewhat better results with heteroauxin than 2,4-D, while actual plowing into the soil gave a much higher differential (45% against 14.8%).
G. M. Kosolapoff

PODRAZHANSKIY, A.S., dotsent

Surgery in Lvov in the 16th to 18th centuries. Vest.khir.76
no.10:133-137 N '55.
(MLRA 9:1)

1. Iz Ushgorodskogo gosudarstvennogo universiteta.
(SURGERY, hist.
in Lemberg)

PODRAZHANSKIY, A.S., dotsent; SIL'VAY, K.K.

Professor Franciscus Keresturi. Gig. i san. 26 no:2:43-46 F '61.
(MIRA 14:10)

(KERESTURI, FRANCISCUS, 1735-1811)

PROBLEMS AND PROPERTIES INDEX

Ca 27

The common problems of fat economy in Poland and Czechoslovakia. J. Podraszko. Chem. Obzor 23, 1980-81 (1948). J. Micka

ASB-31A METALLURGICAL LITERATURE CLASSIFICATION

ALPHABETIC INDEX	ALPHABETIC INDEX
A B C D E F G H I J K L M N O P Q R S T U V W X Y Z	A B C D E F G H I J K L M N O P Q R S T U V W X Y Z

PODRAZKA, V.

PODRAZKY, V. Freezing bakery goods. p. 350. Vol. 7, no. 8, 1956.
PRUMYSL POTRAVIN. Praha, Czechoslovakia.

SOURCE: EAST EUROPEAN ACCESSIONS LIST (EEAL) VOL 6 NO 4 APRIL 1957

DEYL, Zdenek; PODRAZKY, Vladimir; ROSMUS, Jan

Theoretical principles of fat meat sublimation drying. Prum
potravin 15 no.8:380-385 Ag '64.

1. Central Research Institute of Food Industry , Prague.

PODRAZSKY, V.

CZECHOSLOVAKIA/Chemical Technology - Chemical Products and
Their Application. Food Processing Industry.

H-28

Abs Jour : Ref Zhur - Khiniya, No 17, 1958, 59071

Author : Podrazsky Vladimir

Inst : -

Title : Concerning the Refrigeration of Units of Baked Objects.

Orig Pub : Prumysl potraviny, 1958, 9, No 2, 67-74.

Abstract : In experiments with refrigerating in tunnel freezing-chambers and in chambers of refrigerators with ventilation, and with subsequent storage of frozen objects at -12° and -18° , the best results were obtained with light shortening. Baked objects with non-shortening dough seemed to be less suitable for freezing.

Card 1/1

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PODREBERSEK, Stane

Problems of emergency tracheotomy. Zdrav. vest., Ljubljana 24
no.7-8:271-272 1955.

1. Otorinolaringoloska klinika medicinske fakultete v Ljubljani-
predstojnik docent dr. J. Pompe.

(TRACHEA, surg.,

tracheotomy, emergency, indic. & results (S1))

PODREBERSEK, Stane

Objective audiometry. Zdrav. vest., Ljubljana 23 no.9-10:245-247 1954.

1. Otorinolaringoloska klinik a Medicinske visoke sole v Ljubljani,
predstojnik docent dr. J.Pompe.

(HEARING TESTS
audiometry, objective)

APLAVINA, T.M.; IVANOVA, R.M.; LEYTES, Z.S.; NOSOVA, M.V.;
PODRECHNEVA, V.I.; KHITROVA, N.A.; SEDEL'NIKOV, V.I.,
red.; MAYOROV, V.V., tekhn. red.

[Pavillions of the food industry] Pavil'ony pishchevoi pro-
myshlennosti; putevoditel'. Moskva, 1962. 74 p.

(MIRA 16:6)

1. Moscow. Vystavka dostizheniy narodnogo khozyaystva SSSR.
(Food industry--Exhibitions)

1ST AND 2ND ORDERS) PROCESSES AND PROPERTIES INDEX (3RD AND 4TH ORDERS)

25

The fixation of mordant dyes with the simultaneous development of indigoisols. R. Ya. Dolzheshtnikov, N. R. Fedorova and A. N. Burlakova. *Tekstil. Prom.* 1941, No. 5, 33-4; *Chem. Zentr.* 1943, 1, 331.—Steaming of $(NH_4)_2CrO_4$ liberates CrO_3 , which oxidizes indigoisols and is converted into Cr_2O_3 ; NH_4Cl used simultaneously forms an acid medium. Based on these facts is a process for manuf. of a fast green dischargeable dye, which consists of indigoisol and Chromicitroniu. The process is described in detail. Leopold Scheffan

A S M - S L A METALLURGICAL LITERATURE CLASSIFICATION

1ST AND 2ND ORDERS) 3RD AND 4TH ORDERS)

25

Ch

The iron mordant in textile printing. E. Ya. Podrubetnikov and N. E. Fedorova. *Khimiya Tekstil'nykh Materiy* **10**, No. 4-5, 60(1940); *Chem. Zvest.* 1941, 1, 561.

—Directions are given for printing with a mixt. of equiv. amts. of Fe vitriol and NaOAc to which (NH₄)₂CrO₄ and HOAc are added. Very simple methods are given for printing fast colors with Alizarin Red and Alizarin Blue. Printing is done either on the clean fabric or over naphthol or indigozol. M. G. Moore

COMMON ELEMENTS

COMMON VARIABLES INDEX

ASH-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
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PROCESSES AND PROPERTIES INDEX

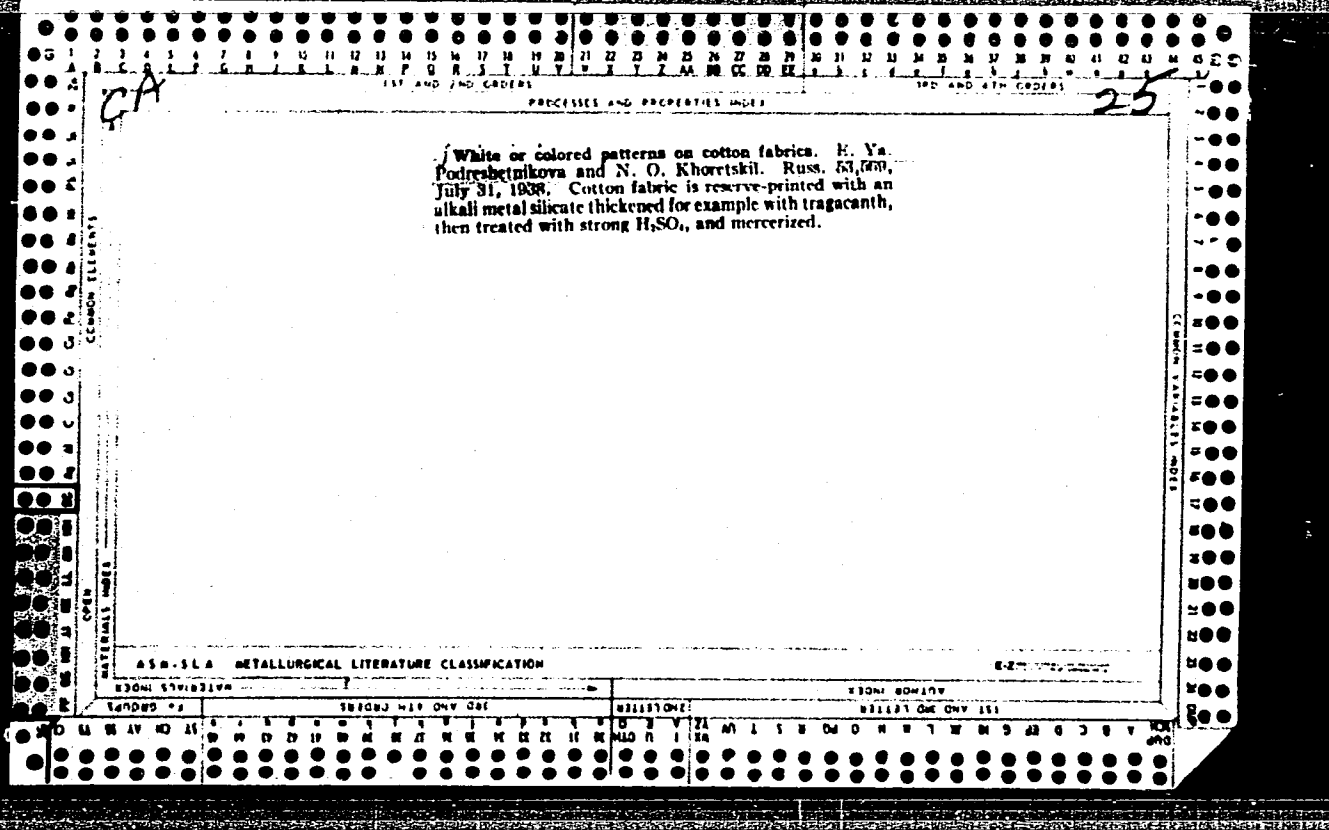
25

Obtaining a transparent effect on fabrics by the use of white and colored reserves. E. Ya. Podryachnikov, N. D. Khorotkii and N. E. Fedorova. *Khlopchatobumashnaya Prom. S.* No. 7-8, 52-5(1938); *Chem. Zentr.* 1939, I, 4255.—In order to obtain a transparent effect the unmercerized fabric was treated 10 sec. with H₂SO₄ of 61° Be. at 18-20°, the acid was pressed out, the fabric was passed through alkali of 20-30° Be. at ordinary temp. for 20-30 sec., and washed free of alkali in the cold. In order to produce a transparent effect in a pattern, Na silicate is impressed on those areas which are to be protected from the action of the acid. The acid reacts with the Na silicate and the pptd. SiO₂ protects the fabric. The SiO₂ is dissolved off by the alkali treatment. W. A. Mowat

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ASB-SLA METALLURGICAL LITERATURE CLASSIFICATION

Source #	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						



PODRESHETNIKOV, V.A.; SENIN, A.D.; MURAYEV, Ye.M.

Two-stage pressure regulator with a handle for turning on the
feed of the working medium. Gaz. prom. 10 no.4:45 '65.

(MIRA 18:5)

PODRESHETNIKOV, V.; YUNIK, L.

Using a vibro-signaling apparatus as an anti-pump device.

Gaz. delo no.3:44-45 '63.

(MIRA 17:8)

1. Spetsial'noye konstruktorskoye byuro "Gazpriboravtomatika".

PODRESHETNIKOVA, K.

~~no. 10:27-29~~ has been judged on its merits. Obschestv.pit.
no.10:27-29 0 '58. (MIRA 11:11)

1. Zavednyushchaya stolovoy No.16, Leningrad.
(Leningrad--Restaurants, lunchrooms, etc.)

PODREZ, A., student

Automobile designed by students. Za rul. 20 no.5:28 My '62.
(MIRA 16:4)

1. Khar'kovskiy avtomobil'no-dorozhnyy institut.

(Kharkov—Automobiles—Models)

PODREZ, A.

AID Nr. 976-8 24 May

AC-2 AIRSLED (USSR)

Podrez, A. Tekhnika-molodezhi, no. 4, 1963, 27.

S/029/63/000/004/002/003

The Student Design Office of the Khar'kov Aviation Institute has developed and built the two-seater AC-2 airsled, which is powered by a 30.5-hp M-61K motorcycle engine and can develop a speed of 50 km/hr. The front and rear runners are separately controlled by the steering wheel and cables. Above the luggage area, which is located behind the seats, there are two compartments, one containing the gas tank and the other, the radio receiver and lighting and heating apparatus. The windows are of unbreakable glass and there is a skylight in the roof from which a hunter can shoot. The body is made of 10-mm plywood and pine laths and covered with 1.5-mm plywood coated with AK-20 nitro-lacquer. The runner suspension is of Cromansil tubing and spring shock absorbers are used. The four runners are made of 10-mm plywood. They are covered with 3-mm plywood and the glide surface is of duralumin. [TBT]

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PODREZ, A. (Khar'kov); ALEKSEYEV, O. (Moskva); BEKKER, A. (Tallin);
LUKANIN, V. (pos.Makarak, Kemerovskoy oblasti); DELYANOV, A. (Tula);
NECHAY, A. (Chernobyl')

Editor's mail. Tekh. mol. no.5:24-25 My '62. (MIRA 15:6)
(Technological innovations)

PODREZ, Nikolay Adamovich; STRUNIN, N.D., redaktor; SENCHILO, K.K., tekhnicheskij redaktor

[The use of physical exercise and massage in the treatment of obesity]
Primenenie fizicheskikh uprashnenii i massazha pri ozhireнии. Moskva,
Gos. izd-vo med. lit-ry, 1956. 73 p. (MLRA 9:10)
(CORPULENCE) (MASSAGE)

PODREZ, S.A., inzh.

Optimum value of flywheel power potentialities, angles of nominal
pressure and number of slide strokes in single-action presses.
[Nauch. trudy] ENIKMASH 1:3-9 '59. (MIRA 14:1)
(Power presses)

S/123/61/000/006/012/020
A004/A104AUTHOR: Podrez, S. A.

TITLE: Optimum values of the flywheel power reserve, rated pressure angles and number of slide block strokes of single-acting presses

PERIODICAL: Referativnyy zhurnal, Mashinostroyeniye, no. 6, 1961, 10, abstract 6V62 (V sb. "Issled. i raschetv mashin kuzneshno-shtamp. proiz-va [ENEMASH, v. 1]". Moscow, 1959, 3-9)

TEXT: As a result of a parameter analysis of presses of Soviet and foreign make, the author established the dependence between the rated slide block stress P_r and the stress at a maximum depth $P_B \approx 0.4 P_r$. For the slide block stroke magnitude S_r (after attaining the rated stress) a dependence was found from the maximum slide block stroke S at a crank angle $\alpha = 18-25^\circ$, $S_r = 0.05 S$. This dependence is valid for single-acting single and double crank presses with increased and normal stroke and for shearing presses. By analyzing the working graphs of extrusion operations and the best press designs, the dependence $A_m = 0.48 P_b h_b$ was found, where A_m - work consumed during the extrusion for one stroke; P_b - extrusion stress; h_b - extrusion depth. Taking $P_b = 0.4 P_r$, $h_b = 0.45 S$,

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DUNAYEV, Petr Aleksandrovich; ZIMIN, A.I., prof., retsenzent; PODREZ,
S.A., inzh.; MEYLAKH, G.I., inzh., red.; FOMICHEV, I.V., inzh.,
red.; DUGINA, N.A., tekhn.red.

[Pneumatic hammers] Pnevmaticheskie moloty. Moskva, Gos.
nauchno-tekhn.isd-ve mashinostroit.lit-ry, 1959. 190 p.
(MIRA 12:7)

(Pneumatic machinery) (Hammers)

PODREZ - S.A.

4

TRUSS I BOOK EXPLANATION 804/3718

Experimental'uy nauchno-issledovatel'skiy institut mashinostroeniya i mashinostroyeniya

Issledovaniya i razrabotka mashinostroeniya i mashinostroyeniya (Studies and Calculations of Design and Operation of Press-Forging Machinery, and Stress and Force Analyses in Punching and Blanking Operations. No personalities are mentioned. References follow each article.

Authoring Agency: USSR. Gosudarstvennyy komitet po avtomatizatsii i mashinostroyeniya.

M. I. A. I. Sol'tev, Candidate of Technical Sciences; Ed. of Publishing House; N. S. Stetschenko, Tech. Ed.; V. Sholovov, Moscow, Ed. for Literature; S. M. Gerasimov, Moscow, Ed. for Engineering; V. I. Zhurav, Candidate of Technical Sciences; G. P. Solov'ev, Engineer; V. P. Yurkin, Candidate of Technical Sciences; N. S. Nasil'ev, Engineer; A. P. Ieremin, Engineer; I. B. Matveyev, Candidate of Technical Sciences; M. A. Kuznetsov, Engineer; P. V. Korotkiy, Engineer; E. S. Parvovitskiy, Engineer; S. A. Polov, Engineer; L. V. Rubanokova, Tech. Ed.; E. S. Parvovitskiy, Engineer; P. B. Chudakov, Candidate of Technical Sciences; and A. I. Sol'tev, Moscow.

Notes: The book is intended for technical personnel and scientific workers in the metal-forming industry.

COVER: This collection of 12 articles deals with current research on metal-forming operations, the design and operation of press-forging machinery, and stress and force analyses in punching and blanking operations. No personalities are mentioned. References follow each article.

TITLE OF CONTENTS

Optimum Values for the Energy Reserve of Single-Action Crank-Driven Presses (1962-69 and 77(65-5)) for Improved Crank Length and Number of Strokes for Single- and Double-Crank Metal-Forming Presses. The present analysis of crank angles, flywheel stresses, and power characteristics is compared with existing desired values and empirical data suggested as standards are given. (Author: V. S. [unintelligible].) Determination of Power Characteristics for Single-Action Crank-Driven Presses. The author reports on some recent experimental investigations by KEMDASH on the optimum characteristics of electric motors for crank-type metal-forming presses. The power characteristics of the motors are determined from the power rates (full rated load) and the flywheel effect. The use of these two factors accounts to a larger extent for possible energy losses. As shown by experiments, these losses can amount to 50% of the entire load cycle. (Author: I. B. [unintelligible] and F. A. [unintelligible].)

Elements of Design and Calculation of Crank-Actuated Mump-Type High-Speed Pumps. The authors analyze some recent experiments made at KEMDASH directed toward increasing the speed of operation of hydraulic fluid pumps in which the valves are crank-operated from a plunger. A comparison is made between the new experimental pump designed at KEMDASH and the standard CB-5FA type. In this design, the diameter of the plunger was reduced from 60 to 25 mm, the diameter of the strokes of the plunger was reduced from 1,400 to 800 mm, the stroke length was increased from 5 to 6 and the rpm from 1,800 to 3,600. The consequence was a weight of the pump was lowered from 1,800 to 100 kg. A table in the article suggests several design parameters reflecting similar improvements. A mathematical analysis of efficiency computation is also given. (Author: N. A. [unintelligible].)

Calculation of Cam Mechanisms of Automatic Die-Forging Machinery According to the Trapezoidal Principle of the Acceleration of the Cam. An experimental machine designed at KEMDASH is used for investigating the cam with velocity-displacement curves for the following of the cam with an analysis of the motions and forces in the cam-follower mechanism are presented. Emphasis is given to the problem of laying out a cam with different types of acceleration (uniform, sinusoidal, conical, modified, uniform).

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ZOT'YEV, A.I., kand.tekhn.nauk, red.; BOL'SHAKOV, G.P., inzh., red.; VYATKIN, V.P., kand.tekhn.nauk, red.; VASIL'YEV, N.N., inzh., red.; YEREMKIN, A. P., inzh., red.; IVAKIN, I.Ya., inzh.; red.; MATVEYEV, I.B., kand.tekhn. nauk, red.; MAR'YANCHIK, M.A., inzh., red.; NOVICHKOV, P.V., inzh., red.; PEREVOZCHIKOV, B.S., inzh., red.; PODREZ, S.A., inzh., red.; RUBHENKOVA, L.V., red.; UKHANOV, V.N., red.; CHUDAKOV, P.D., kand.tekhn.nauk, red.; STEPANCHENKO, N.S., red.izd-va; SOKOLOVA, T.F., tekhn.red.

[Investigation and design of drop forging and die stamping machinery]
Issledovaniia i raschety mashin kuznechno-shtampovochnogo proizvodstva.
Pod red. A.I.Zot'eva. Moskva, Gos.nauchno-tekhn.izd-vo mashinostroit.
lit-ry. Vol.1. 1959. 233 p. (MIRA 13:4)

1. Eksperimental'nyy nauchno-issledovatel'skiy institut kuznechno-
pressovogo mashinostroyeniya.
(Forging machinery)

PODREZ, S.A., inzh.; VYATKIN, V.P., kand.tekhn.nauk; PEREVOZCHIKOV, B.S., inzh.

Should there be a decrease in the rigidity of the system and the moment
of inertia of flywheels used in cold upsetting machines. Vest.mash.
38 no.10:79-80 0 '58. (MIRA 11:11)
(Flywheels)

PODREZ, S.A., inzh.

Development of the design of power presses with underneath drives.
Vest. mash. 38 no. 6:40-41 Je '58. (MIRA 11:7)
(Power presses)

FLERS, V.M.

Stretching and bending of a laminated beam. Sborn. rab. po voy.
elektromekh. no.10.226-230 1972.

Rigidity of a laminated core of an electrical machine. Ibid.:241-
253 (MIRA 17:8)

SOV/105-59-10-8/25

8(5)

AUTHORS:

Urusov, I. D., Candidate of Technical Sciences,
Podrez, V. M., Engineer

TITLE:

Physical Model Tests on the Rigidity and Vibration Strength of
the Stator Casing of an Electric Machines

PERIODICAL:

Elektrichestvo, 1959, Nr 10, pp 43-47 (USSR)

ABSTRACT:

The authors investigated here the mechanical properties which cannot accurately be calculated on the model of a stator casing. The main principles of the model construction, the method of investigation, and the test results are given. V. K. Ferroni and V. N. Cherevatov assisted in the tests. It was concluded from the results that the method of physical model tests can be applied to a determination of the rigidity and vibration strength of the stator casing of a large turbogenerator. This is confirmed by comparing the results obtained from tests on elastic models and large steel samples which are similar to the original. This method is correct to an error of 5% and, consequently, completely sufficient for practical purposes. Elastic models of sufficiently small size and low frequencies of the fundamental characteristic vibrations permit uncomplicated static and dynamic loading of the

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Physical Model Tests on the Rigidity and Vibration
Strength of the Stator Casing of an Electric Machines

SOV/105-59-10-8/25

models as well as the measurement of deformations and characteristic vibration frequencies. The model tests indicated a great difference between calculated and experimental values of the rigidity and characteristic vibration frequency of casings with perforated transverse ring walls. Additional investigations of the perforated ring walls by the optical method disclosed the physical pattern of stress distribution and showed that the great decrease in the casing strength was due to the variation in the state of stress of the ring, resulting from the holes in the transverse wall of the casing. The model tests revealed that the characteristic frequency of the casing depends to a large extent on the base rigidity and the manner in which the casing is mounted on the base. The tests proved the usefulness of an "elastic" casing, i.e. of a casing having a frequency of the fundamental characteristic vibrations below that of the exciting forces (100 cycles). There are 5 figures, 2 tables, and 3 Soviet references.

ASSOCIATION: Institut elektromekhaniki AN SSSR (Institute of Electromechanics of the AS USSR)

SUBMITTED: January 12, 1959
Card 2/2

VIDUYEV, Nikolay Grigor'yevich; RAKITOV, Daniil Ivanovich; GRZHIBOVSKIY, Vladislav Pavlovich; KRUMELIS, Vsevolod Andreyevich; PODBREZAN, Vladimir Viktorovich; KUL'CHITSKAYA, O., red.; LYAMKIN, V., tekhn.red.

[Fundamentals of geodetic layout operations] Osnovy geodezicheskikh razbivochnykh rabot. Izd.2., ispr. i dop. Kiev, Gos.izd-vo lit-ry po stroit. i arkhit. U.S.S.R., 1960. 469 p.

(Surveying)

(Building)

(MIRA 13:11)

VIDUYEV, Nikolay Grigor'yevich, prof., doktor tekhn.nauk; RAKITOV,
Daniil Ivanovich; PODREZAN, Vladimir Viktorovich; MOISEYEV,
Vladimir Yulianovich; AFANAS'YEV, Mikhail Aleksandrovich;
LEVCHUK, G.P., detsent, kand.tekhn.nauk, retsenzent; KUZIN, N.A.,
inzh.-geodezist, spetsred.; KHROMCHENKO, F.I., red.izd-va;
ROMANOVA, V.V., tekhn.red.

[Surveying in bridge construction] Geodezicheskie raboty
v mostostroenii. Pod red. N.G.Vidueva. Moskva, Izd-vo geodez.
lit-ry, 1961. 137 p. (MIRA 14:7)
(Surveying) (Bridge construction)

VIDUYEV, Nikolay Grigor'yevich; RAKITOV, Danil Ivanovich; PODREZAN,
Vladimir Viktorovich; PAYZANSKIY, A.A., red.; INOZEMTSEVA,
A.I., red.izd-va; ROMANOVA, V.V., tekhn.red.

[Geodetic operations in construction yards] Geodezicheskie raboty
na stroitel'noi ploschadke. Moskva, Izd-vo geod.lit-ry, 1959.
211 p. (MIRA 12:10)

(Building sites) (Surveying)

PODREZOV, A.

Labor passports. Sots.trud. 7 no.6:135-136 Je '62. (MIRA 16:2)

1. Nachal'nik otдела кадров укрупненного автотранспортного
khozyaystva No.21 Gor'kovskogo soveta narodnogo khozyaystva.
(Labor passports)

PA 249T58

USSR/Metallurgy - Aluminum Alloys

1 Feb 53

"Effect of Plastic Deformation on Subsequent Decomposition in Aluminum Alloys," N. N. Buynov, L. I. Podrezov, Inst of the Physics of Metals, Ural Affiliate, Acad Sci USSR

DAN SSSR, Vol 88, No 4, pp 665-668

Using method of oxide films for electron-microscopic examination, studies aging process and effect of plastic deformation on decomposition in inner layers of specimens made of Al-Si, Al-Mg-Si, Al-Cu and Al5 Alloys. This decomposition is

249T58

different from that in surface layers of same alloys mainly in its higher dispersion and more regular crystalline form of precipitated particles. Presented by Acad P. I. Bardin 11 Nov 52.

249T58

PODREZOV, L.I.

Category : USSR/Solid State Physics - Phase Transformation in Solid Bodies E-5

Abs Jour : Ref Zhur - Fizika, No 3, 1957, No 6647

Author : Buynov, N.N., Podrezov, L.I.

Inst : Institute of Physics of Metals, Ural Branch, Academy of Sciences, USSR

Title : X-ray Diffraction and Electron-Microscope Investigation of Aging of an Al-Zn Alloy.

Orig Pub : Fiz. metallov i metallovedeniye, 1955, 1, No 2, 349-358

Abstract : An Al-Zn alloy with 25% Zn by weight was investigated with an electron microscope and by X-ray diffraction (using the coarse grain specimen method). In the initial stage of the aging, the Guinier-Frost zones hardly differ in their structure from the structure of the matrix, are coherently connected with it, and are little saturated with the zinc atoms; their shape is first equi-axial, and then becomes laminar. One of the fundamental features of the first stage of aging is the enrichment of the zones with zinc. It leads to a distortion of the structure of the zones themselves and

Card : 1/2

Podrezov, L. I.

312/12/12

669.712-157.6, 520.

The X-Ray and Electron-microscopic Study of the Ageing of Al-Zn Alloy

N.N. Buinov, L.I. Podrezov U.S.S.R.

A discussion of investigation of the ageing of an Al alloy with 25% Zn designed to shed more light on the mechanism of dissociation of the alloy. Investigation of the state of alloy was carried out after natural and artificial ageing, as well as after artificial ageing at -200 deg.C followed by natural ageing. The results were found in good agreement with Nabarro's theory (Proc.Roy.Soc., 175A 519, 1940). The loss of strength is caused not by coagulation, but by the discontinuation of coherent bonds between the grains of dissociation. Additional natural ageing does not change the strength of the alloy. It seems that ageing of the alloy is conditioned by the enrichment of the precipitated zones with Zn atoms. Bibl.5.

PODRESOV, L. I., BUYNOV, N. N., and KOMAROVA, M. F., (Sverdlovsk)

"The Investigation of the Precipitation in the Alloy Ni-Be," a paper submitted at the International Conference on Physics of Magnetic Phenomena, Sverdlovsk, 23-31 May 56.

PODREZOV, L. I.

AUTHORS: Buynov, N. N., Podrezov, L. I., Komarova, M. F. 48-9-2/26

TITLE: An Investigation of the Decomposition of an Ni-Be Alloy (Issledova= niye raspada v splave Ni-Be).

PERIODICAL: Izvestiya AN SSSR Seriya Fizicheskaya, 1957, Vol. 21, Nr 9, pp. 1220-1224 (USSR).

ABSTRACT: For the purposes of this investigation a nickel-beryllium alloy was produced in a high-frequency vacuum furnace. The alloy contained apart from 1,9% Be; 1,25% Fe, 0,12% Al, 0,16% Cu, 0,15% Si and traces of Mg. Afterwards the alloy was forged in a hot state and homogenized at 1100°C for 15 hrs. On the basis of structural analysis conducted by electron microscope and X ray investigation of strength and coercive force together with data from literature it is shown that the composition of the Ni-Be alloy takes place in two stages, just as the decomposition of Al-Cu-, Al-Ag- and Al-Zn-alloys. In the first stage of the decomposition, zones are formed, enriched with the alloyed component, together with considerable elastic deformations, leading to elastic distortions of the block structure. The state of maximum strength is connected with this stage. It can be assumed, that the localization zones and domains of elastic deformation show

Card 1/2

PODREZOV, O.A.

Regime of strong winds in the Issykkul', Kochkorka, and
Karakudzhur Depressions. Trudy Sred.-Az. nauch.-issl.
gidrometeor. no.23:74-81 '65. (MIRA 19:2)

PODREZOV, O.A.

The Santash wind of the Issyk-Kul' Depression. Meteor, 1 gidrol.
no.6835-37 Je '65. (MIRA 18:5)

1. Kirgizskiy nauchno-issledovatel'skiy otdel energetiki.

PODREZOV, O.A.

Accuracy of pilot-balloon observations in mountain-pass regions.
Meteor. i gidrol. no.11:51-52 N '64. (MIRA 17:12)

1. Frunzenskaya gidrometeorologicheskaya observatoriya.

FEDOROV, B.M.; GROMOVA, Ye.A.; TKACHENKO, K.N.; PODREZOVA, N.A.

Changes in the electric activity of the brain in experimental myocardial infarct and disorders of the cardiac rhythm. Trudy Inst. norm. i pat. fiziol. AMN SSSR 6:113-115 '62 (MIRA 17:1)

1. Laboratoriya infektsionnoy patologii (zav. - hlen-korrespondent AMN SSSR, prof. A. Ya. Alymov) Instituta normal'noy i patologicheskoy fiziologii AMN SSSR.

FEDOROV. B.M.; PODREZOVA, N.A.

Nervous system among the mechanisms normalizing the activity
of the cardiac rhythm. Trudy Inst. norm. i pat. fiziol. AMN
SSSR 6: 118-120 '62 (MIRA 17:1)

1. Laboratoriya infektsionnoy patologii (zav. - chlen-korres-
pondent AMN SSSR prof. A. Ya. Alymov) Instituta normal'noy i pa-
tologicheskoy fiziologii AMN SSSR.

NIKITIN, A.K. (Rostov-na-Donu); POBILSOV, S.A. (Rostov-na-Donu)

Three-dimensional problem of waves on the surface of a viscous
liquid of infinite depth. Prikl. mat. i mekh. 28 no.3:452-463
My-Je'64 (MIRA 17:7)

1. Rostovskiy universitet.

GRUNTFEST, R.A.; NIKITIN, A.K.; PODREZOV, S.A. (Rostov-on-Don):

"Waves on the surface of a viscous fluid of infinite depth."

report presented at the 2nd All-Union Congress on Theoretical and Applied
Mechanics, Moscow, 29 Jan - 5 Feb 64.

ANDREYEV, Igor' Vladimirovich; KARASIN, Gillel' Samoylovich;
PODREZOV, V.M., red.; SHIROKOVA, M.M., tekhn. red.

[Over-all automation of telephone communications in electric
power distribution systems] Kompleksnaia avtomatizatsiia te-
lefonnoi sviazi energosistem. Moskva, Gosenergoizdat, 1962.
87 p. (MIRA 15:8)

(Electric power distribution--Communication systems)
(Telephone)

PODREZOV, V.M., inzh.

Work of the State Trust for the Organization and Efficiency of Electric Power Plants in the field of high-frequency communications in electric power systems. Trudy VNIIE no.12:96-115 '61. (MIRA 18:4)

1. Gosudarstvennyy trest po organizatsii i ratsionalizatsii rayonnykh elektrostantsiy i setey.

BURLAKOV, B.S., inzh.; GEYMAN, D.Ya., inzh.; GRZHIBOVSKIY, V.V., inzh.;
GUSEV, Yu.S., inzh.; YEFREMOV, V.Ye., inzh.; ZHURAVSKAYA, G.Ya.,
inzh.; KAGAN, V.G., inzh.; MALYSHEV, A.I., inzh.; PODREZOV, V.M.,
inzh.; SAPIRSHTEYN, V.E., inzh.; SHKARIN, Yu.P., inzh.; IGLITSYN,
I.L., red.; LARIONOV, G.Ye., tekhn.red.

[Adjustment of high-frequency communication and remote control
channels utilizing electric power transmission lines] Naladka
vysokochastotnykh kanalov sviazi i telemekhaniki po provodam linii
elektroperedachi. Moskva, Gos.energ.izd-vo, 1958. 236 p.
(MIRA 13:10)

1. Russia (1923- U.S.S.R.) Ministerstvo elektrostantsii. Tekhni-
cheskoye upravleniye. (Telecommunication)
(Remote control)

SOV/122-58-6-13/37

AUTHOR: Podrez, S.A., Engineer

TITLE: Development of the Design of Presses with Underslung Drive
(Razvitiye konstruktsiy pressov s nizhnim privodom)

PERIODICAL: Vestnik Mashinostroyeniya, 1958, Nr 6, pp 40 - 41 (USSR)

ABSTRACT: Description of three types of presses with underslung drive: Deep-drawing presses of the eccentric pinion type are usually made double acting for loads between 25 and 200 tons. Sheet stamping presses and automatic presses with underslung drive for the blanking of components from strip or coil, of which an example is illustrated in Figure 1, have a crank mechanism and are made in capacities between 5 and 250 tons for speeds up to 600 strokes/min. Recent improvements include better balancing, close tolerances of stroke control (0.30 mm), speed variation, twin cranks for improved squareness of the ram under load, an electro-pneumatic automatic control system, a central control desk, automatic devices for stock motion and tension. The example of a portal type press with under-floor drive is illustrated in Figure 2. The advantages of these presses lead to an improved shop layout which often justifies their higher

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SOV/122-58-6-13/37

Development of the Design of Presses with Underslung Drive

price. Capacities of 300 - 4 000 tons, large strokes (1 000 mm) are typical. Several detail features of mechanical design are mentioned. There are 2 figures.

1. Presses--Design

Card 2/2

PODREZOV, N. N.

Index Aeronauticus
May 1954
Translations
Issued by
Translations,
Issued by
Fulmer Research
Institute, Ltd.

51
OT/778
U. S. S. R.

② met

The Effect of Plastic
Deformation on Subsequent
Decomposition in Aluminium
Alloys
Dokl. Akad. Nauk, 88(4), 665-668,
1953

N. N. Bulnov,
I. I. Podrezov,

L 37755-66

ACC NR: AP6028238

(N)

SOURCE CODE: UR/0392/66/000/002/0079/0080

AUTHOR: Bongard, E. M.; Geller, L. I.; Karimova, A. Kh.; Podrez, Z. G.

35

ORG: Ufa Scientific Research Institute of Hygiene and Occupational Diseases
(Ufimskiy NII gigiyeny i professional'nykh zabolevaniy)

B

TITLE: Vibration sickness² of polishers

SOURCE: Kazanskiy meditsinskiy zhurnal, no. 2, 1966, 79-80

TOPIC TAGS: biologic vibration effect, physiological parameter, industrial medicine, drug treatment, metal polishing, nervous system

ABSTRACT: Workers occupied in polishing metal parts by pressing the parts manually onto a rotating abrasive disc were affected by vibration sickness. The disc rotated at a velocity of 5,700 rpm, the vibration frequency was 96 cycles, and the amplitude of vibrations 0.33 mm; the polishers were thus exposed to the action of high-frequency vibrations with unfavorable characteristics. The clinical symptoms exhibited by the workers corresponded to those described in the literature. In addition to general symptoms (tiredness, irritability, headaches), the workers exhibited local symptoms affecting principally the hands and arms, which included anesthesia, spastic vascular disturbances, lowering of the temperature of the skin, etc. Depending on the severity of the vasovegetative and angiospastic disturbances, the patients developed a mild or pronounced pain syndrome. Clinical treatment of the patients comprised

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UDG: 616-057-613.644

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1820

1ST AND 2ND COORDS. PROCESSES AND PROPERTIES INDEX

2

CA

The three-phase system clay-bitumen-water. N. N. Pavly, V. I. Pudretov and M. I. Khigirovich. *Tsentral. Nauch.-Issledovatel. Inst. Prom. Nauchekhem. Vychushk. Simul. Materialy* 1936, 33-44; *Chem. Zentr.* 1936, 1, 1200; cf. C. A. 32, 4013^h. A series of lab. expts. is reported, the purpose of which was to study the various phys. processes taking place in varying mixes. of several types of clay with different tars and water. M. G. M.

45M-35A METALLURGICAL LITERATURE CLASSIFICATION

REGIONAL BONDING

REGIONAL BONDING

VIDUYEV, Nikolay Grigor'yevich; GRZHIBOVSKIY, Vladislav Pavlovich;
PODREZAN, Vladimir Viktorovich; KIYANICHENKO, N.S., red.;
DEREVYANKO, G.S., tekhn. red.

[Survey work for large-panel construction] Geodezicheskie
raboty pri krupnopanel'mom stroitel'stve. Kiev, Gosstroi-
izdat USSR, 1963. 194 p. (MIRA 17:2)

PODREZOVA, A.; ANDREYEV, V.; CHASHCHARIN, B.

Get acquainted with a collective farm of communist labor. IUn.
nat. no.9:1-6 S '62. (MIRA 16:5)

1. Kolkhoz imeni XXI s"yezda Kommunisticheskoy partii Sovetskogo
Soyuza, Odesskaya oblast', Berezovskiy rayon.
(Berezovka District (Odessa Province)--Collective farms)

PODREZOVA, A.; ANDREYEV, V.

The group makes a trip to the forest. IUn. nat. no.12:22-23
D '60. (MIRA 14:3)

1. Srednyaya shkola imeni Salomei Neris, g.Vil'nyus.
(Pioneers (Communist youth)) (Nature study)

PODREZOVA, A., (Litovskaya SSSR, Kaunasskiy rayon, poselok Vyshvidava)

ANDREYEV, V. (Litovskaya SSR, Kaunasskiy rayon, poselok Vayshvidava)

The allee stretches towards the sea. IUn.nat. no.5:22-23 '61.

(MIRA 14:4)

(Vaisvidava--School gardens)

Review of ...

PODREZOVA, A.

Heroes of Socialist Labor are our teachers. IUn.nat. no.11:16-17
N '57. (MIRA 10:10)
(Agriculture--Study and teaching)

Podrezova, A.

SOLOV'YEV, A.; PODREZOVA, A.

The only one in the world. IUn.nat. no.4:29-30 Ap '58.

(Il'men mineralogical preserve)

(MIRA 11:4)

PODREZOVA, A.

Naturalists of the Urals. IUn.nat. no.5:22-24 My '57. (MIRA 10:7)
(Sverdlovsk Province--Nature study)

PODREZOVA, A.

Camp for young naturalists. IU nat. no.6:17-18 Je '58.

(MIRA 12:12)

(Kiev--Nature study)

GROMOVA, Ye.A.; FEDOROV, B.M.; TKACHENKO, K.N.; PODREZOVA, N.A.; PROVODINA, V.N.

Correlation between disorders of the cardiac activity and functional changes in the brain in experimental diphtheria intoxication. Pat. fiziol. i eksp. terap. 8 no.5:31-35
S-0 '64. (MIRA 18:12)

1. Institut normal'noy i patologicheskoy fiziologii (direktor - deystvitel'nyy chlen AMN SSSR prof. V.V.Parin) AMN SSSR, Moskva.
Submitted February 16, 1963.

ADOL'F, V.A.; PODRIGALO, A.I.; PAVLOVA, A.N.; LEBEDINSKIY, G.V., inzh.,
red.; KASPEROVICH, N.S., red. izd-va; UVAROVA, A.F., tekhn. red.

[Catalog of parts for the T-16 self-propelled chassis] Katalog de-
talei samokhodnogo shassi T-16. Moskva, Gos. nauchno-tekhn. izd-vo
mashinostroit. lit-ry, 1961. 206 p. (MIRA 14:11)

1. Khar'kovskiy traktorosbornochnyy zavod. 2. Otdel glavnogo konstruk-
tora Khar'kovskogo traktorosbornochnogo zavoda (for Adol'f, Podrigalo,
Pavlova).

(Tractors)

PODREZOVA, A.S.; KOVALEVA, F.I.

Use of ion exchange resins for the preparation of softened water.
Khim. volok. no.1:31-32 '62. (MIRA 13:4)

VUL'FSON, N.S.; PODREZOVA, T.N.

Dieckmann condensation. Part 9: Cyclization of ethyl ester of
o-(carbethoxymethoxy) phenylacetic acid. Zhur.ob.khim. 32
no.9:3019-3022 S '62. (MIRA 15:9)

1. Institut khimii prirodnykh soyedineniy AN SSSR i Nauchno-
issledovatel'skiy institut organicheskikh poluproduktov i
krasiteley.

(Acetic acid) (Dieckmann condensation)

VUL'FSON, N.S.; PODREZOVA, T.N.

Studies of Dieckmann reaction. Part 11: 4-Carboethoxy-3-chloroanone.
Zhur.ob.khim. 33 no.12:3888-3893 D '63. (MIRA 17:3)

1. Institut khimii prirodnykh soyedineniy AN SSSR i Nauchno-issle-
dovatel'skiy institut organicheskikh poluproduktov i krasiteley
AN SSSR.

VULFSON, N.S.; PODREZOVA, T.N.; SENYAVINA, L.B.

Dieckmann reaction. Part 13: Infrared and ultraviolet spectra of methyl- and carbethoxy derivatives of 3-chromanone. Zhur. ob. khim. 34 no.8:2676-2681 Ag '64. (MIRA 17:9)

1. Institut khimii prirodnykh soyedineniy AN SSSR i Nauchno-issledovatel'skiy institut organicheskikh poluproduktov i krasiteley (NIOPIK).

ADOL'F, V.A., inzh.; LEBEDINSKIY, G.V., inzh.; NOVITSKIY, I.V., inzh.;
PODRIGALO, A. I., inzh.; PESTRYAKOV, A.I., red.; BALLOD, A.I.,
tekh. red.; DEYEVA, V.M., tekhn. red.

[The T-16 self-propelled chassis]Samokhodnoe shassi T-16.
Moskva, Sel'khozizdat, 1962. 254 p. (MIRA 15:11)

1. Khar'kovskiy traktorosbornochnyy zavod (for Adol'f,
Lebedinskiy, Novitskiy, Podrigalo).
(Tractors)

ADOL'F, V.A.; PAVLOVA, A.N.; PODRIGALO, A.I.; LEBEDINSKIY, G.V.,
inzh., red.; ARTYUKHIN, V.A., red.izd-va; EL'KIND, V.D.,
tekh. red.

[Catalog of parts for the T-16 self-propelled chassis]
Katalog detalei samokhodnogo shassi T-16. Moskva, Mashgiz,
1963. 182 p. (MIRA 17:2)

1. Khar'kovskiy traktorosbornochnyy zavod. 2. Otdel glavnogo
konstruktora Khar'kovskogo traktorosbornochnogo zavoda (for
Adol'f, Pavlova, Podrigalo).

ADOL'F, V.A.; PODRIGALO, A.I.; KODENKO, A.N.; BELINSKAYA, N.N.; PAVLOVA,
A.N.; LEBEDINSKIY, G.B., red.; KASPEROVICH, N.S., red.izd-va;
EL'KIND, V.D., tekhn.red.

[Catalog of spare parts for the DSSh-14, DSSh-14M, and DVSSh-16
(automotive chassis-type) tractors] Katalog zapasnykh chastei
traktorov DSSh-14, DSSh-14M i DVSSh-16 (tipa samokhodnykh shassi)]
(MIRA 13:3)

1. Khar'kovskiy traktorosborochnyy zavod. 2. Otdel glavnogo
konstruktora Khar'kovskogo traktorosborochnogo zavoda (for Adol'f,
Podrigalo, Kodenko, Belinskaya, Pavlova). 3. Glavnyy inzhener
Khar'kovskogo traktorosborochnogo zavoda (for Lebedinskiy).
(Tractors--Catalogs)

ALEKSEYEV, G.P.; ANDON'YEV, V.S.; ARNGOL'D, A.V.; BASKIN, S.M.;
BASHMAKOV, N.A.; BEREZIN, V.D.; BERMAN, V.A.; BIYANOV, T.F.;
GORBACHEV, V.N.; GRECHKO, I.A.; GRINBUKH, G.S.; GROMOV, M.P.;
GUSEV, A.I.; DEMENT'YEV, N.S.; DMITRIYEV, V.P.; DUL'KIN, V.Ya.;
ZVANSKIY, M.I.; ZENKEVICH, D.K.; IVANOV, B.V.; INYAKIN, A.Ya.;
ISAYENKO, P.I.; KIPRIYANOV, I.A.; KITASHOV, I.S.; KOZHEVNIKOV,
N.N.; KORMYAGIN, B.V.; KROKHIN, S.A.; KUDOYAROV, L.I.;
KUDRYAVTSEV, G.N.; LARIN, S.G.; LEBEDEV, V.P.; LEVCHENKOV,
P.N.; LEMZIKOV, A.K.; LIPGART, B.K.; LOPAREV, A.T.; MALYGIN,
G.F.; MILOVIDOVA, S.A.; MIRONOV, P.I.; MIKHAYLOV, B.V., kand.
tekhn. nauk; MUSTAFIN, Kh.Sh., kand. tekhn. nauk; NAZIMOV, A.D.;
NEFEDOV, D.Ye.; NIKIFOROV, I.V.; NIKULIN, I.A.; OKOROCHKOV, V.P.;
PAVLENKO, I.M.; PODROBINNIK, G.M.; POLYAKOV, G.Ya.; PUTILIN, V.S.;
RUDNIK, A.G.; RUMYANTSEV, Yu.S.; SAZONOV, N.N.; SAZONOV, N.F.;
SAULIDI, I.P.; SDOBNIKOV, D.V.; SEMENOV, N.A.; SKRIPCHINSKIY, I.I.;
SOKOLOV, N.F.; STEPANOV, P.P.; TARAKANOV, V.S.; TREGUBOV, A.I.;
TRIGER, N.L.; TROITSKIY, A.D.; FOKIN, F.F.; TSAREV, B.F.; TSETSULIN,
N.A.; CHUBOV, V.Ye., kand. tekhn. nauk; ENGEL', F.F.; YUROVSKIY,
Ya.G.; YAKUBOVSKIY, B.Ya., prof.; YASTREBOV, M.P.; KAMZIN, I.V., prof.,
glav. red.; MALYSHEV, N.A., zam. glav. red.; MEL'NIKOV, A.M., zam.
glav. red.; RAZIN, N.V., zam. glav. red. i red. toma; VARPAKHOVICH,
A.F., red.; PETROV, G.D., red.; SARKISOV, M.A., prof., red.;
SARUKHANOV, G.L., red.; SEVAST'YANOV, V.I., red.; SMIRNOV, K.I.,
red.; GOTMAN, T.P., red.; BUL'DYAYEV, N.A., tekhn. red.

(Continued on next card)

ALEKSEYEV, G.P.---(continued). Card 2.

[Volga Hydroelectric Power Station; a technical report on the design and construction of the Volga Hydroelectric Power Station (Lenin), 1950-1958] Volzhskaia gidroelektrostantsiia; tekhnicheskii otchet o proektirovanii i stroitel'stve Volzhskoi GES imeni V.I.Lenina, 1950-1958 gg. V dvukh tomakh. Moskva, Gosenergoizdat. Vol.2. [Organization and execution of construction and assembly work] Organizatsiia i proizvodstvo stroitel'no-montazhnykh rabot. Red. toma: N.V.Razin, A.V.Arnol'd, N.L.Triger. 1962. 591 p. (MIRA 16:2)

1. Deystvitel'nyy chlen Akademii stroitel'stva i arkhitektury SSSR (for Razin).

(Volga Hydroelectric Power Station (Lenin)--Design and construction)

PODROGHANSKAYA, B. S.

USSR/Biology - Growth Regulators
Fertilizers

11 May 50

"Growth Stimulators as Micro Fertilizers," F. F. Matskov, B. S. Podroghanskaya,
Khar'kov Agri Inst imeni V. V. Kokuchayev, 2½ pp

"Dok Ak Nauk SSSR" Vol LXXII, No 2

Discusses results of greenhouse and field tests of increasing effectiveness of mineral fertilizer mixtures by addition of microdoses of growth stimulators, heteroauxin, 2.4-DU, and -NU. Maximum yield increases (34%, 30%, and 44%) resulted in greenhouse conditions by additions of 0.1 mg per kg of soil. In field conditions yield increases of 45.7% for heteroauxin and 19.4% for 2.4-DU resulted from use of 35 gm per ha, over use of fertilizer alone. Use of granulated superphosphates prepared using 2.4-DU also resulted in good yield increases. Includes three tables. Submitted 4 Mar 50.

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