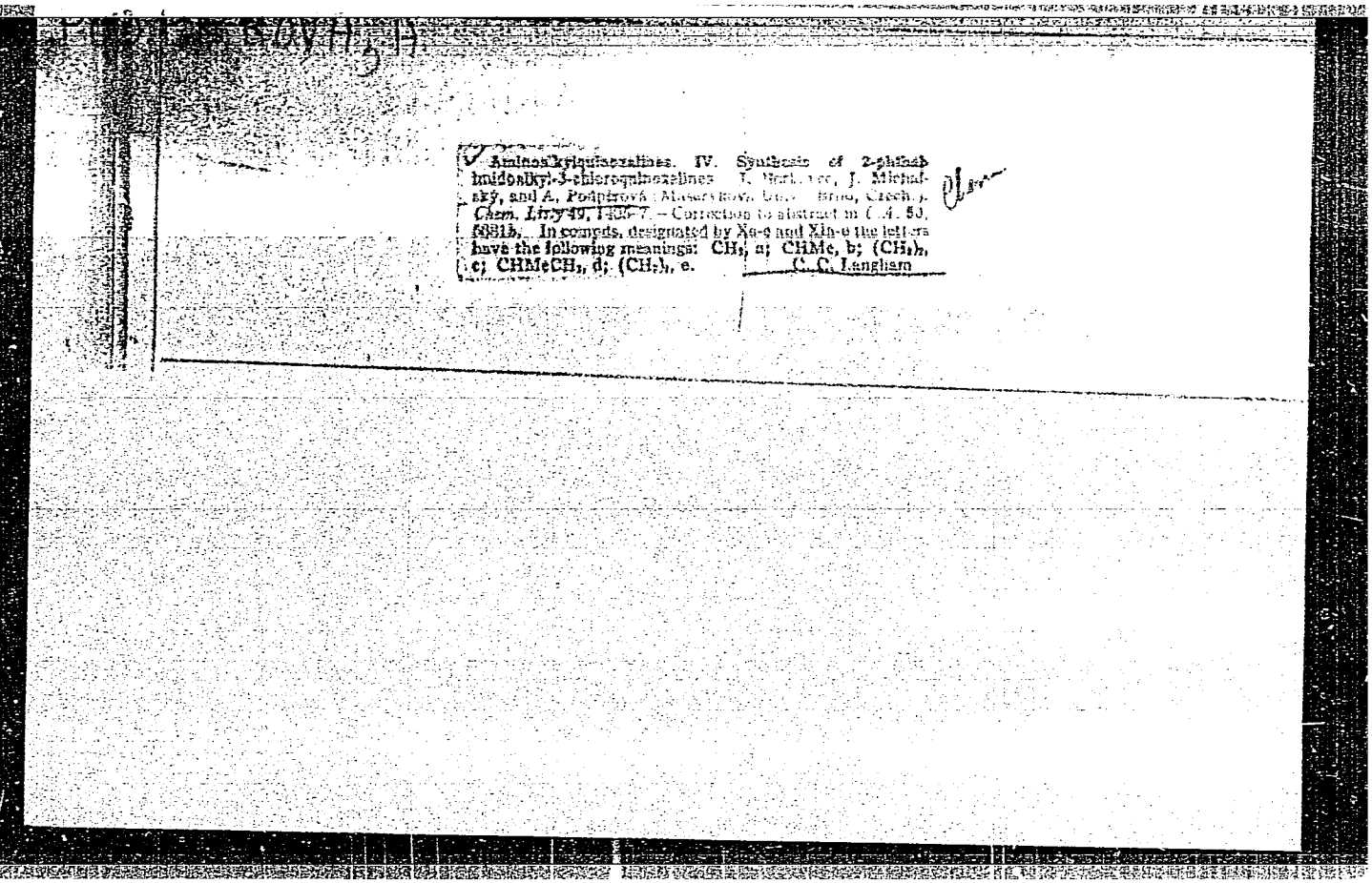

Aminoalkylquinoxalines. IV. Synthesis of 2-phthalimidoalkyl-3-chloroquinoxalines. [illegible], J. Michalský, and A. Podpěrová. Masarykova Univ., Brno, Czech. *Chem. Listy* 49, 1805-7.—Correction to abstract in *C.A.* 50, 8881b. In compds. designated by Xa-e and Xb-e the letters have the following meanings: CH_2, a; CHMe, b; $(CH_2)_3$, c; $CHMeCH_2$, d; $(CH_2)_4$, e. C. C. Jaughan

HEGYI, E.; HORACEK, J.; LONGAUER, E.; PODPEROVA, M.

Diecylenic acid in the tratment of psoriasis and other dermatoses. Lek.listy 6 no.5:151-154 1 Mar 51. (CLML 20:6)

1. Of the Dermatological Clinic of the Slovak University, Bratislava (Head--Prof. J.Treger,M.D.) and of the Dermatological Clinic of Masaryk University in Brno (Head--Prof.A.Tryb,M.D.). Authors are M.D.'s.

PODPOL'NYY, S.A. Prinimali uchastiye: YUMASHEVA, T.I., ass.; RODIONOVA, Ye.I., kand. med. nauk

[Municipal polyclinic] Gorodskaia poliklinika. Moskva, TSentr. in-t usovershenstvovaniia vrachei, 1963. 259 p. (MIRA 16:11)

1. Kafedra organizatsii zdravookhraneniya TSentral'nogo instituta usovershenstvovaniya vrachey (for Yumasheva, Rodionova).

(CLINICS)

PODPLETNEV, M.I.

Student brigade of a boarding school. Biol.v shkole no.3:47-51 My-Je '59. (MIRA 12:9)

1. Direktor shkoly-internata No.2 Sal'skogo rayona Rostovskoy oblasti.
(Sal'sk District--Agriculture--Study and teaching)

PODPORIN, I., kapitan.

Training mortar course members in independent action in firing.
Voen.vest.36 no.2:56-58 F '57. (MLRA 10:3)
(Mortars(Ordanance))

33934
S/079/62/032/001/012/016
D204/D302

11.2232
11.2233

AUTHORS: Kormer, V.A., Petrov, A.A., Savich, I.G., and Podporina, T.V.

TITLE: The kinetics and mechanism of the addition of lithium butyl to vinyl ethyl acetylene

PERIODICAL: Zhurnal obshchey khimii, v. 32, no. 1, 1962, 318-319

TEXT: LiBu was reacted with vinyl ethyl acetylene (I) in undecane at 20 and 30°C, under argon, in molar proportions of 1 : 1 and 1 : 2. At 20°C the reaction gave an allene hydrocarbon (II) in 56 % yield after 20 hours. Concentrations of I and II were determined by infrared spectroscopy. The reaction proved to be kinetically of the first order, with velocity constants $K_{20}^{o} = 0.0643$, $K_{30}^{o} = 0.1333$ hr^{-1} and with an energy of activation equal to 12.7 Kcal/mole. The rate controlling process is thought to be the monomolecular decomposition of a complex which forms as an intermediate stage. It was also observed that I decomposes faster than II is formed, especially at the higher temperature and when I was in excess. This is as-

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BURKOV, V.V.; PODPORINA, Ye.K.

Morphology and genesis of strontium-bearing barite concretions in the Mangyshlak Peninsula. Trudy IMGRE no.17:33-46 '63. (MIRA 16:11)

BURKOV, V.V.; PODPORINA, Ye.K.

Geological and mineralogical characteristics of some strontium deposits in the Mangyshlak Peninsula and Northern Caucasus. Krat. soob. IMGRE no.1:101-103 '60.
(MIRA 17:3)

BURKOV, V.V.; PODPORINA, Ye.K.

Rare elements in kimberlites. Dokl. AN SSSR 163 no.1:197-200 Jl '65.
(MIRA 18:7:

1. Institut mineralogii, geokhimii i kristallokhimii redkikh elementov.
Submitted February 4, 1965.

PODPORINA, Ye.K.

Celestite in Tithonian sediments of the Kislovodsk region.
Trudy IMGRE no.7:118-122 '61. (MIRA 16:11)

BURKOV, Vladimir Viktorovich; PODPORINA, Yevgeniya Kuz'minichna; SERDYUCHENKO, D.P., doktor geol.-mineral.nauk, otv.red.; VLASOV, K.A., glavnyy red.; GRISHINA, T.B., red.izd-va; GUS'KOVA, O.M., tekhn.red.

[Strontium; mineralogy, geochemistry, and main types of deposits] Strontsii; mineralogiia, geokhimiia i glavnye tipy mestorozhdenii. Moskva, Izd-vo Akad. nauk SSSR, 1962. 178 p. (Akademiia nauk SSSR. Institut mineralogii, geokhimii i kristallokhimii redkikh elementov. Trudy, no.12). (MIRA 16:2)

1. Chlen-korrespondent AN SSSR (for Vlasov).
(Strontium)

BELYAYEV, Georgiy Sergeyevich; TABACHNIKOV, Petr Isayevich; PODPORKIN, V.G., doktor tekhn. nauk, retsenzent; ANSEROV, M.A., kand. tekhn. nauk, red.; VAKSER, D.B., kand. tekhn. nauk, red. KUREPINA, G.N., red.izd-va; CHFAS, M.A., red. izd-va; SHCHETININA, L.V., tekhn. red.

[Technological processes in the manufacture of shafts] Tekhnologiia proizvodstva valov. Moskva, Mashgiz, 1961. 250 p. (MIRA 15:2)

(Shafting)

SMIRNOV, V.S.; KAMENSKIY, M.D.; PODPORKIN, V.G.; DUNEL'SKIY, A.I.; NEYMAN, L.R.; ZALESSKIY, A.M.; KOSTENKO, M.V.; RAVDONIK, V.S.; SHCHERBACHEV, O.V.; LOPATIN, I.A.; MAMONTOVA, A.N.; FILARETOV, S.N.; KRYUKOV, K.P.; SINELOBOV, K.S.; BOSHNYAKOVICH, A.D.; BURGSDORF, V.V.; NOVGORODTSEV, B.P.; GOKHBERG, M.M.; STEFANOV, K.S.

Nikolai Pavlovich Vinogradov; obituary. Elektrichestvo no.10: 91-92 O '61. (MIRA 14:10)
(Vinogradov, Nikolai Pavlovich, 1886-1961)

Machining

PODPORKIN,V.G., Doc Tech Sci—(diss) "~~Treatment~~ Measurement of non-rigid parts." Len, 1958. 31 pp (Min of Higher Education USSR. Len Polytech Inst im M.I.Kalinin), 150 copies (KL,47-58,132)

ACC NR: AT7005727 SOURCE CODE: UR/2563/66/000/267/0080/0082

AUTHORS: Podporkin, V. G.; Alenin, M. P.

ORG: none

TITLE: Torques during coarse tooth cutting of heat resistant steel KhN35VTYu

SOURCE: Leningrad. Politekhnicheskiy institut. Trudy. no. 267, 1966. Avtomatizatsiya i tekhnologiya mashinostroyeniya (Automation and technology in the machinery industry), 80-82

TOPIC TAGS: TORQUE, ALLOY metal cutting, gear cutting machine, tool ~~alloy~~ STEEL, steel/ KhN35VTYu steel, 40Kh steel, VK8 ~~tool~~ alloy, T5K10 ~~tool~~ alloy, 5312 gear cutting machine

ABSTRACT: Experimental measurements of the cutting torques required during coarse gear cutting of steel KhN35VTYu gear teeth as a function of cutting parameters were made and compared with cutting torques required for 40Kh steel teeth. A modern gear cutting machine (model 5312) was used with a single-tooth miller of 160-mm diameter plated with hard alloys VK8 (for steel KhN35VTYu) and T5K10 (for steel 40Kh). Curves of cutting torque as a function of cutting speed (v = 20--200 m/min), feed (S_z = 0.04--0.4 mm/tooth), modulus of cutting wheel (m = 2--6 mm) and tool wear (h_3 = 0.1--0.5 mm) are presented for the two metals, and empirical equations are derived from these results in the form:

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ACC NR: AT7005727

$$M_{кр} = 156{,}5v^{-0.13}S_z^{0.56}m^{0.53}h_з^{0.69} \quad \text{kgm (steel KhN35VTYu);}$$

$$M_{кр} = 36v^{-0.12}S_z^{0.72}m^{0.8}h_з^{0.1} \quad \text{kgm (steel 40Kh),}$$

and

$$N_e = 0{,}213v^{0.97}S_z^{0.56}m^{0.53}h_з^{0.69} \quad \text{kgm (steel KhN35VTYu),}$$

$$N_e = 0{,}048v^{0.68}S_z^{0.72}m^{0.8}h_з^{0.1} \quad \text{kgm (steel 40Kh),}$$

respectively. In general, the cutting torque for the heat-resistant steel is 2.5--4 times higher than for steel 40Kh. Orig. art. has: 12 formulas and 4 figures.

SUB CODE: 13/ SUBM DATE: none/ ORIG REF: 002

Card 2/2

VUL'F, A.M.; PODPORKIN, V.G., prof., doktor tekhn. nauk, retsenzent; LIFSHITS, I.I., kand. tekhn. nauk, red.; KUREPINA, G.N., red.izd-va; SPERANSKAYA, O.V., tekhn. red.

[Metal cutting] Rezanie metallov. Moskva, Mashgiz, 1963. 427 p. (MIRA 16:9)
(Metal cutting)

25(1) PHASE I BOOK EXPLOITATION SOV/3457

Podporkin, V.G.

Obrabotka nezhestkikh detaley (Machining of Nonrigid Parts). Moscow, Mashgiz, 1959. 207 p. Errata slip inserted. 4,000 copies printed.

Reviewer: Ye.I. Zazerskiy; Ed.: A.N. Ogloblin, Docent; Eds. of Publishing House: I.A. Borodulina and A.I. Varkovetskaya; Managing Ed. for Literature on Machinery Manufacturing (Leningrad Division, Mashgiz): Ye.P. Naumov, Engineer.

PURPOSE: This book is intended for technical personnel of machinery-manufacturing plants and scientific research institutes.

COVERAGE: The author dicusses the characteristic features of the machining and cold straightening of nonrigid machine parts. Considerable attention is paid to the analysis of elastic deformations of the system machine-tool-work-cutting tool when shafts and common nonrigid parts are mounted by different methods for

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machining. He also discusses methods used for increasing precision of machining, and ways of damping vibrations. The theoretical principles of calculation are illustrated by experiments, and accompanied by practical recommendations. No personalities are mentioned. There are 32 references, all Soviet.

TABLE OF CONTENTS:

Machining of Nonrigid Parts SOV/3457

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Machining of Nonrigid Parts SOV/3457

AVAILABLE: Library of Congress (TJ 1160 .P78)

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VK/jb
4-15-60

PODPORKIN, V.G.

Center-rest with a vibration damper. Stan.i instr. 24 no.7:12-14 Jl '53.
(MLRA 6:8)
(Machine tools)

SOV/122-59-3-20/42

AUTHOR: Podporkin, V.G. (Candidate of Technical Sciences, Docent)

TITLE: Classification of Shafts According to their Rigidity (Klassifikatsiya valov po ikh zhestkosti)

PERIODICAL: Vestnik Mashinostroyeniya, 1959, Nr 3, pp 64-67 (USSR)

ABSTRACT: Errors when turning shafts can be reduced, not only by increasing the rigidity of the lathe and tool, but also by ensuring constant elastic deformation of all elements during the turning operation, and by matching the elastic deformation of the shaft to that of the lathe. The elastic deformation at any point on a shaft being turned between centres is expressed in formula (1) which includes terms ε_3 and ε_n for the elastic deformation or displacement of the lathe tail and head stocks respectively. The terms within the square brackets can be combined to give the term ε_i in formula (2). Transverse errors, such as ovality, are generally due to inconsistency in the tool force P_y; longitudinal errors, as out of parallelism, barreling or waisting, are due to the varying elasticity of the system along the length of the shaft. Fig 1 illustrates the relative magnitude of error ε_i (in microns per kg. of tool force) along the shaft for

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Classification of Shafts According to their Rigidity

different values of the ratio $k = l/d$, where l is the length and d diameter of the shaft. It can be shown that minimum error will obtain when the rigidity of the shaft and the rigidity of the tail and head stocks (assumed to have equal rigidity equal to ε_6) bear the relationship given in Eq (3). For usual practice, where he shaft being machined is turned end for end when the cut has traversed half the length of the shaft, minimum out of parallelism error will obtain when k is related to ε_3 and ε_n as in Eq (6). Thus from Eqs (3) and (6) it can be seen that the rigidity of the lathe should be matched to that of the shaft if minimum longitudinal error is to be attained. Therefore, a system of classifying shafts according to their rigidity will be useful. The length over diameter ratio, k, is not satisfactory, since with the same l/d ratio, stiffness increases as d becomes larger. Also, the classification should take into account the normal rigidities ε_3 and ε_n of the tail and head stocks of the lathes in which shafts are machined. Therefore, shafts should be classified as rigid, medium, or flexible according to whether

Classification of Shafts According to their Rigidity

$\varepsilon_\beta = k^3/24d$ is less than, equal to, or more than $\frac{(\varepsilon_3+\varepsilon_n)}{2}$. Using normal values for rigidity of ε_3 and ε_n, it is found: for rigid shafts $\varepsilon_\beta < 0.2$ microns/kg; for medium shafts $\varepsilon_\beta = 0.2$ to 1.0 microns/kg; and for flexible shafts $\varepsilon_\beta > 1.0$ microns/kg. This classification is presented graphically on a log-log basis in Fig 2 where the shaft diameter is given on the ordinate, and the critical rigidity ε_β on the abscissa for various values of $k = l/d$. Examples are given of the usefulness of this graph to calculate appropriate shaft length to diameter ratios to attain a given parallelism requirement, or for selection of required rigidity characteristics in a lathe to turn a shaft of given dimensions. Modifications are given to deal with the case of a stepped shaft, dimensioned to give approximately constant bending resistance along its length. In this case the critical

Classification of Shafts According to their Rigidity

flexibility is found to be 1½ times that of a corresponding parallel shaft.
There are 2 figures.

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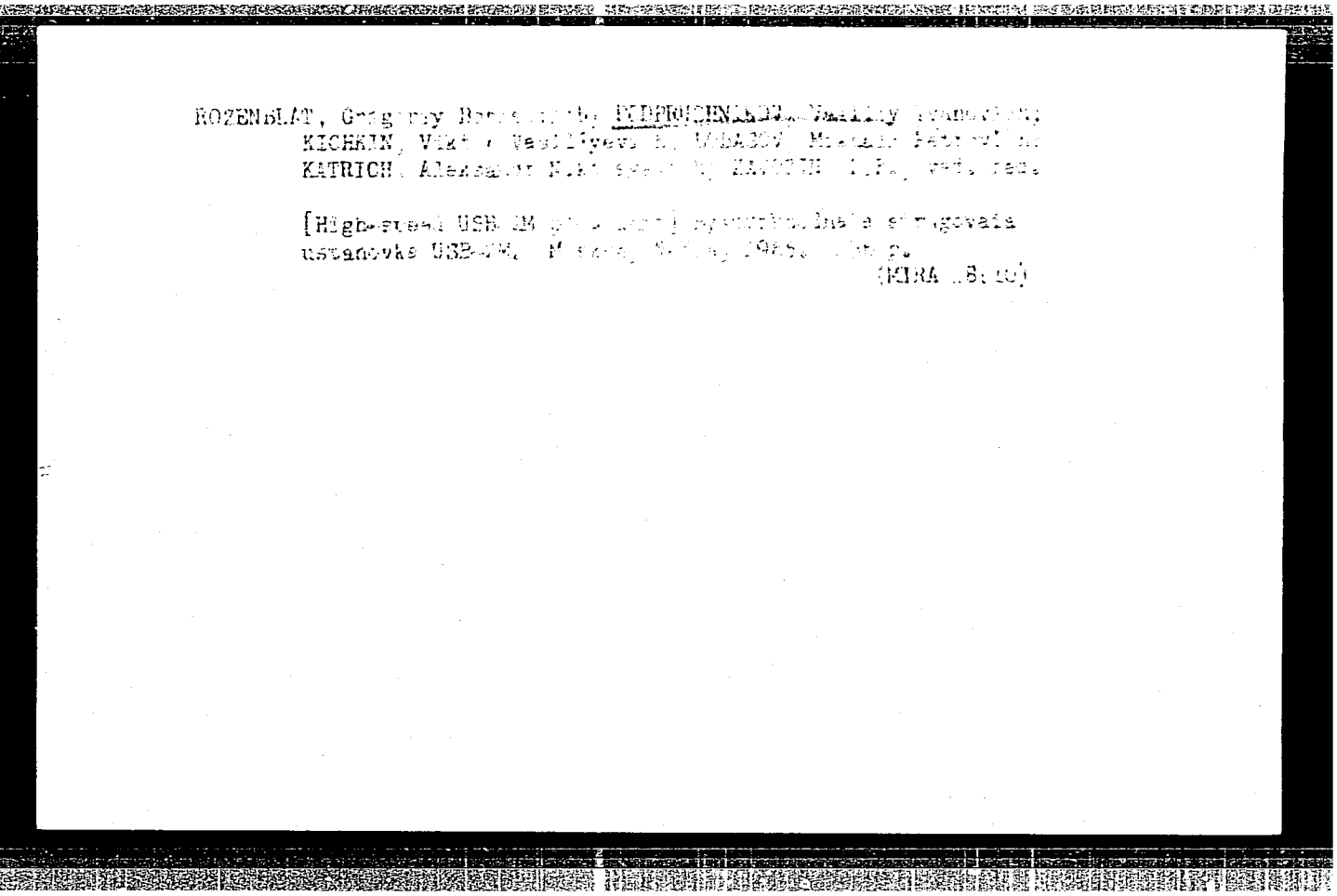

ROZENBLAT, Grigoriy Borisovich; [illegible]

KICHKIN, Vikt[illegible]

KATRICH, Alekse[illegible]

[High-speed USSR [illegible]]

Ustanovka USSR-[illegible]

(KIRA [illegible])

ROZENBLAT, Grigoriy Borisovich; PODPRUZHNIKOV, Vasiliy Ivanovich; KICHKIN, Viktor Vasil'yevich; LOBASOV, Mikhail Petrovich; KATRICH, Aleksandr Nikolayevich; ZAVOZIN, L.F., ved. red.

[The USB-2m high-speed plow] Bystrokhodnaia strugovaia ustanovka USB-2m. Moskva, Nedra, 1965. 136 p. (MIRA 18:8)

PODPRYADOV, B.N., inzh.

Machines on the approach tracks. Put' i put. khoz. 9 no.2:44 '65.
(MIRA 18:7)

1. Stantsiya Likhobory, Moskovskoy dorogi.

KURTOV, V.M.; PODPRYADOV, B.N.

Creation of track workers' cities is an urgent problem. Put' i put. khoz. 9 no.11:9 '65. (MIRA 18:11)

1. Starshiye inzhenery Gosudarstvennogo instituta tekhniko-ekonomicheskikh izyskaniy i proyektirovaniya zheleznodorozhnogo transporta.

PODPRYADOV, B.N.

Improve the forms of public inspection. Put' i put'khoz. 8 no.8: 31-32 '64. (MIRA 17:9)

1. Starshiy inzh. otdela puti, stantsiya Likhobory, Moskovskoy dorogi.

SOV/124-58-11-13134

Translation from: Referativnyy zhurnal, Mekhanika, 1957, Nr 11, p 180 (USSR)

AUTHOR: Podporkin, V.G.

TITLE: Cold Straightening of Nonrigid Shafts (Kholodnaya pravka nezhestkikh valov)

PERIODICAL: Tr. Leningr. politekhn. in-ta, 1957, Nr 191, pp 110-138

ABSTRACT: Formulas are derived for the determination of the characteristic parameters of the straightening process (restoration of an original straight-line shape) of slightly bent shafts. Consideration is given to the case in which the article was initially free of any initial stresses and strains and in which the bending has created therein specified residual stresses and strains. Also studied is the case of two-stage straightening; however, here the change in elastic-plastic properties in the metal owing to repeated loads is overlooked. The formulas are valid also for a material which has a yielding region up to a certain strain, but which, upon still greater strain, exhibits a linear work-hardening. Graphs are adduced showing the residual stresses in straightened articles.

V. V. Moskvitin

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PODPRYADOV, Nikolay Andreyevich; MARGOLIN, Ya.A., red.; SOROKIN, N.N., red.; KHITROV, P.A., tekhn.red.

[Fighting drifting sand on railroad tracks] Bor'ba s peschanymi zanosami na zheleznykh dorogakh. Moskva, Gos. transp. zhel.-dor. izd-vo, 1958. 134 p. (MIRA 11:4)
(Railroads--Track) (Sand)

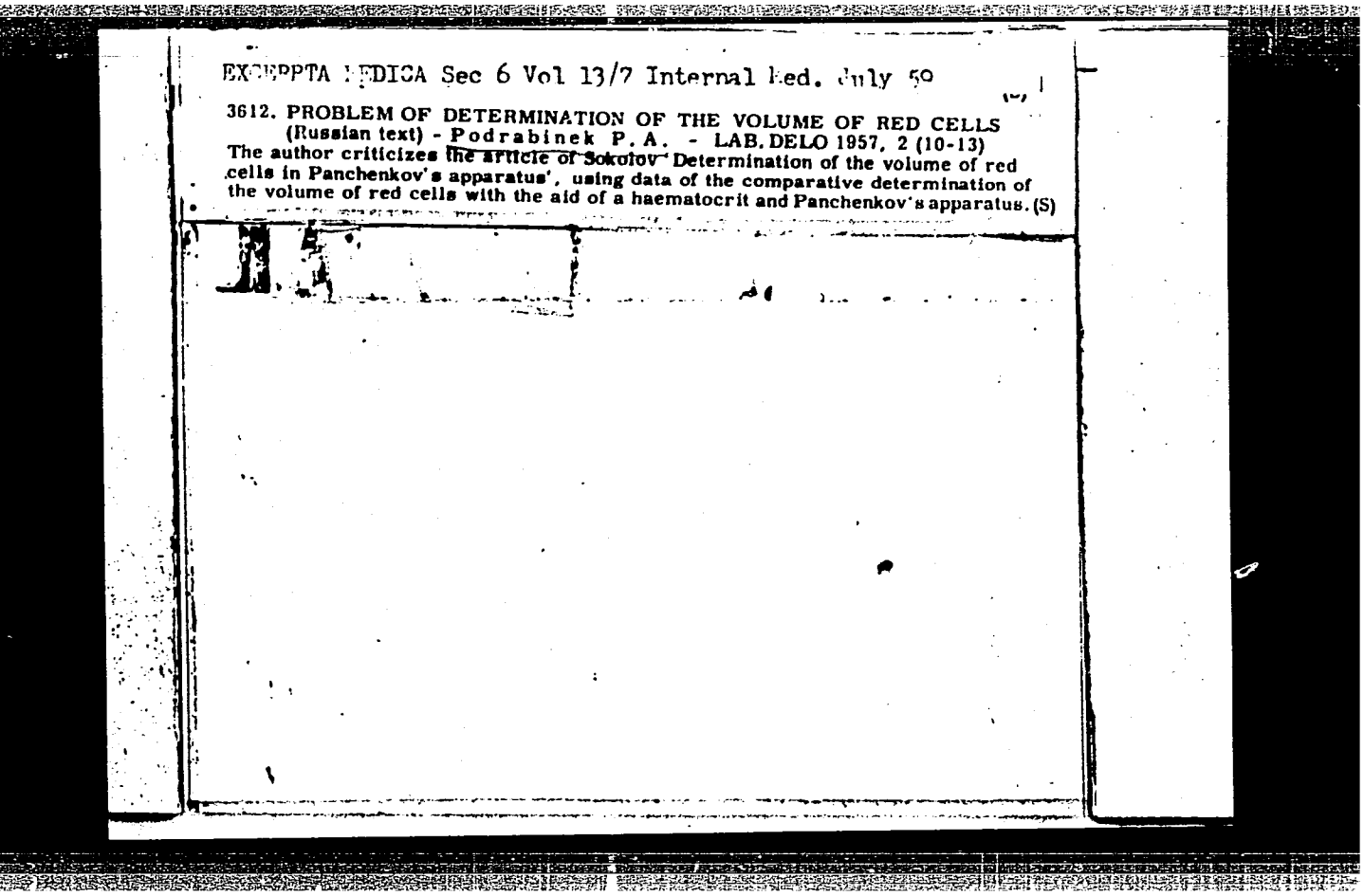
PODPORKIN, Viktor Grigor'yevich, for Doc of Tech~~nical~~ Sci on the basis of dissertation defended 29 Dec 58 in Council of ~~the~~ Len~~ingrad~~ Polytechnical Insti~~tute~~ im. Kalinin, entitled: "~~Processing~~ Machining of Non-Rigid Parts" (BMVISSO USSR, 2-61, 30)

PODPORKIN, Viktor Grigor'yevich; BOL'SHAKOV, Sergey Anisimovich; VUL'F, A.M., kand.tekhn.nauk, dots., retsenzent; ANSEROV, M.A., kand. tekhn.nauk, dotsent, red.; REZNITSKIY, L.M., kand.tekhn.nauk, red.; BORODULINA, I.A., red.izd-va; POL'SKAYA, R.G., tekhn.red.

[Cutting tools and metal machining] Tochenie metallov i reziny. Pod.red. M.A.Anserova. Izd.2., dop. i perer. Moskva, Gos.nauchno-tekhn.izd-vo mashinostroit.lit-ry, 1958. 145 p. (Bibliotechka tokaria - novatora, no.2) (MIRA 12:3)
(Cutting tools) (Turning)

PODPORKIN, V.G.; ZAZERSKIY, Ye.I., inzh., retsenzent; OGLOBLIN, A.N., dotsent, red.; BORODULINA, I.A., red.izd-va; VARKOVETSKAYA, A.I., red.izd-va; SHCHETININA, L.V., tekhn.red.

[Machining nonrigid parts] Obrabotka nezhestkikh detalei. Moskva, Gos.nauchno-tekhn.izd-vo mashinostroit.lit-ry, 1959. 207 p. (MIRA 12:12)
(Metal cutting)



EXCERPTA MEDICA Sec 6 Vol 13/7 Internal Med. July 59

3612. PROBLEM OF DETERMINATION OF THE VOLUME OF RED CELLS (Russian text) - Podrabinek P. A. - LAB. DELO 1957, 2 (10-13)

The author criticizes the article of Sokolov "Determination of the volume of red cells in Panchenkov's apparatus", using data of the comparative determination of the volume of red cells with the aid of a haematocrit and Panchenkov's apparatus. (S)

PODRABINEK, P.A.

Determining the volume of erythrocytes. Lab. delo 3 no.2:10-13 Mr-Ap '57 (MLRA 10:5)

1. Iz gorodskoy ob"yedinennoy bol'nitsy (dir. S.V. Afanas'yev), Elektrostal'.
(ERYTHROCYTES)

PODRABINEK, P.A.

Portable rack for the determination of the erythrocute sedimentation reaction. Lab.delo 5 no.5:45-46 S-O '59. (MIRA 12:12)

1. Iz Elektrostal'skoy ob"yedinennoy bol'nitsy (glavnyy vrach S.V. Afanas'yev), Elektrostal'.
(BLOOD--SEDIMENTATION)

PODRABINEK, P.A.

Making a correction to the volume of erythrocytes in the erythrocyte sedimentation reaction. Lab. delo 7 no.5:35-38 My '61.
(MIRA 14:5)

1. Istomkinskaya bol'nitsa Moskovskoy oblasti (glavnyy vrach D.D. Przhedetskiy).

(ERYTHROCYTES)

17(1) SOV/177-58-11-21/50

AUTHOR: Podrabinek, P.A.

TITLE: The Determination of the E.S.R. in Inclined Capillaries

PERIODICAL: Voyenno-meditsinskiy zhurnal, 1958, Nr 11, pp 61 - 64 (USSR)

ABSTRACT: I. Roshonok (1937), K.A. Aleksandrov (1938), L.I. Rogova (1940) and I.G. Burchinskiy (1948) indicated that the inclined position of capillaries in determining the E.S.R. may serve as source of considerable error, and they recommended using capillaries in strictly vertical position. Proceeding from the fact that erythrocyte sedimentation occurs more rapidly in inclined capillaries than in vertical ones (Fuente-Gita), in the last ten years many foreign authors and D.B. Marshalkovich developed and suggested methods of accelerated determination of the E.S.R. in inclined capillaries. By means of a support equal to the one suggested by D.A. Marshalkovich, the author investigated the sedimentation of erythrocytes

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The Determination of the E.S.R. in Inclined Capillaries

at different angles of inclination of the capillaries and revealed that the velocity of the E.S. rises with the increase of the angle of inclination. S.D. Balakhovskiy (1928) has shown that in inclined capillaries the blood stratifies into two parts. Based on his own investigations, the author concludes that: 1) In determining E.S.R. in capillaries, inclined at an angle of 20°, the sedimentation of erythrocytes in the course of 11 minutes has nearly the same value as in vertical capillaries in 1 hour. 2) In inclined capillaries, simultaneously with an increase of E.S.R., the velocity of the sedimentation relatively reduces. In determining E.S.R. in capillaries inclined at 20°, in the course of 11 minutes, it is necessary, proceeding from the value of the E.R.S. of 20 mm, to introduce correction by adding to the found value of the sedimentation the half of it. 3) The introduced correction of the E.S.R. value does not relinquish the individual divergency in the indicators of the

The Determination of the E.S.R. in Inclined Capillaries

E.S.R. to be determined in inclined and vertical capillaries. In order to escape errors, a control is necessary, for example an E.S. in a vertical capillary during 15 minutes, which shows the approximate hourly E.S.R. There is 1 Soviet reference.

PODRABINEK, P.A.

Utilization of the Riva-Rocci sphygmomanometer for determining capillary resistance. Sov. med. 25 no.4:125-126 Ap '62. (MIRA 15:6)

1. Iz Elektrostal'skoy ob"yedinennoy bol'nitsy (glavnyy vrach S.V. Afanas'yev).
(CAPILLARIES) (SPHYGMOMANOMETER)

PODRABINEK, P.A.

Data concerning the role of hemotonia in erythrocyte sedimentation reaction. Trudy mol. nauch. sotr. MONIKI no.1:234-240 '59. (MIRA 16:11)

1. Iz gorodskoy ob"yedinennoy bol'nitsy g. Elektrostal' i nauchno-eksperimental'nogo otdela (rukovoditel' doktor med. nauk O.I.Voronkova) Moskovskogo oblastnogo nauchno-issledovatel'skogo klinicheskogo instituta imeni Vladimirskogo.

PODRABINEK, P.A.

Effect of compaction of erythrocytes on erythrocyte sedimentation rate. Biul.eksp.biol.i med. 48 no.12:51-54 D '59. (MIRA 13:5)

1. Iz gorodskoy ob"yedinennoy bol'nitsy (glavnyy vrach S.V. Afanas'yev), g. Elektrostal'. Predstavlena deystvitel'nym chlenom AMN SSSR V.V. Parinym.
(BLOOD SEDIMENTATION)

PODRABINEK, P.A.

Relation between erythrocyte sedimentation reaction and the quantity of erythrocytes in the blood. Trudy mol. nauch. sotr. MONIKI no.1:241-250 '59 (MIRA 16:11)

1. Iz gorodskoy ob"yedinennoy bol'nitsy, g. Elektrostal' i nauchno-eksperimental'nogo otdela (rukovoditel' doktor med. nauk O.I.Voronkova). Moskovskogo oblastnogo nauchno-issledovatel'skogo klinicheskogo instituta imeni Vladimirskogo.

PODRABINEK, P.A. (g.Elektrostal')

Erythrocyte sedimentation reaction. Fel'd. i akush. 23 no.4:58-59 Ap '58. (MIRA 11:4)
(BLOOD--SEDIMENTATION)

PODRABINEK, P.A. (Elektrostal')

Modern concepts of the mechanism of erythrocyte sedimentation rate.
Usp.sovr.biol. 48 no.1:75-87 Jl-Ag '59. (MIRA 12:12)
(BLOOD SEDIMENTATION)

USSR/Human and Animal Physiology - Blood. Formed Elements. T-3

Abs Jour : Ref Zhur - Biol., No 18, 1958, 84012

Author : Podrabinek, P.A.
Inst :
Title : The Problem of Determining the Volume of Erythrocytes.

Orig Pub : Labor. delo, 1957, No 2, 10-13

Abstract : As blood volume indicators, determined by the method of N.P. Sokolov (Klin. med., 1954, 32, 2) and in hematic chambers were compared, it was shown that the first are lower than the latter. When hematic chambers are used, fluids are not secreted by erythrocytes. It has been established that a correlation exists between the erythrocytes' setting time and the number of rotations of the centrifuge. The capillaries of the Panchenkov apparatus with a sowed off ungraduated point replace factory made hematic chambers. -- M.B. Gol'dberg

Card 1/1

PODRABINEK, P.A.

Determining erythrocyte sedimentation rate at shorter intervals.
Vrach.delo no.8:861 Ag '58 (MIRA 11:8)

1. Bol'nitsa goroda Elektrostal', Moskovskoy oblasti.
(BLOOD--SEDIMENTATION)

PODRABINEK, P.A.; SILANT'YEVA, S.M.

Evaluation of Valdman's cup endothelial test (concerning the article of K.V.Istomina and V.A.Neiman published in "Laboratornoe Delo", no.6, 1959). Lab. delo 7 no.3:26-27 Mr '61. (MIRA 14:3)

1. Istomkinskaya bol'nitsa (glavnyy vrach D.D.Przhedetskiy), Noginsk.
(LEUCOCYTOSIS) (RHEUMATIC FEVER)

PODRABINEK, P.A.

Evaluation of the fractional reaction of erythrocyte sedimentation. Vop. klin. pat. no.3:140-146 '61. (MIRA 14:12)

1. Iz Gorodskoy ob"yedinennoy bol'nitsy, g. Elektrostal', Moskovskoy oblasti.
(ERYTHROCYTES) (BLOOD--ANALYSIS AND CHEMISTRY)

PODRABINEK, P.A.

Use of heparin as an anticoagulant in application of the erythrocyte sedimentation reaction. Lab.delo 7 no.11:51-52 N '61. (MIRA 14:10)

1. Istomkinskaya bol'nitsa Moskovskoy oblasti.
(HEPARIN) (BLOOD—SEDIMENTATION) (ERYTHROCYTES)

PODRABINEK, P.A.; KAZAKEVICH, I.I.

Physical principles of the change in the distribution of erythrocytes in suspensions during the course of time. Biofizika 7 no.4:488-491 '62. (MIRA 15:11)

PODRABINEK, P.A.

Electrophotometric determination of the osmotic resistance of erythrocytes. Lab. delo no.1:24-28 '64. (MIRA 17:4)

1. Istomkinskaya bol'nitsa (glavnyy vrach - D.D.Przhedetskiy), Noginsk.

PODRABINEK, P.A.

Review of G.I.Burchinskii's book "Erythrocyte sedimentation reaction." Lab. delo 10 no.3:189-190 '64. (MIRA 17:5)

PODRABINEK, P.A.

Review of I.Todorov's book "Clinical and laboratory studies in pediatrics." Lab. delo no. 12:752-753 '64. (MIRA 18:1)

PODRABINEK, P.A.

Physicochemical foundations of the osmotic resistivity of erythrocytes. Biofizika 10 no.1:118-122 '65.
(MIRA 18:5)

1. Istomkinskaya bol'nitsa Moskovskoy oblasti.

ACC NR: AP6021582 (N) SOURCE CODE: UR/0402/66/000/003/0371/0371

AUTHOR: Podrabinek, P. A.

ORG: Istomsk Hospital (Istomskaya bol'nitsa, Noginsk)

TITLE: Effect of influenza virus on the resistance of erythrocytes

SOURCE: Voprosy virusologii, no. 3, 1966, 371

TOPIC TAGS: human disease, virus disease, influenza, disease resistance, BLOOD

ABSTRACT:
The effects of various concentrations of influenza virus on human blood cells were determined. Resistance to hemolysis was reduced even when virus preparations were used in 1:800 dilutions. The clinical method involved was the acid erythrogram; it is recommended for influenza virus titer.
[W.A. 50; CBE No. 10]

SUB CODE: 06/SUBM DATE: none/

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PODRABINEK, P.A.

Hydrodynamic properties of the erythrocyte. Biofizika 10 no.2:367-368 '65. (MIRA 18:7)

1. Istomkinskaya bol'nitsa, Noginsk.

BABICHEV, Ye.A.; BUROVA, N.N.; GOLODKOVSKAYA, G.A.; DOBRUSKINA, I.A.; KAGNER, M.N.; KONOPLEVA, V.I.; KRASILOVA, N.S.; LEONOV, G.P.; MURZAYEVA, V.E.; PODRABINEK, R.A.; PRYAKHIN, A.I.; RYZHOV, B.V.; SERGEYEV, Ye.M.; FEDOROV, T.O.; FIDELLI, I.F.; EPSHTEYN, G.M.[deceased]; SHCHEKHURA, I.I., red.; GEORGIYEVA, G.I., tekhn. red.

[Geology and engineering geology of the upper Amur Valley]Geologicheskoe stroenie i inzhenerno-geologicheskaia kharakteristika doliny Verkhnego Amura. Moskva, Izd-vo Mosk. univ., 1962. 317 p. (MIRA 16:3)
(Amur Valley--Geology)
(Amur Valley--Engineering geology)

Biochemical changes in the blood of multiple donors. I. Investigation of serum total protein and γ-globulins. G. [illegible] M. Podrabinik (Sci. Research Inst. Vaccines and Serums, Khabarovsk). *Byull. Exptl. biol. i med.* 41, No. 2, 45–7 (1956).—Among 997 examd. donors, about 25% gave blood for the first time, 50% 2–9 times, and 25% 10–23 times. Total protein and γ-globulin were found to vary within normal limits. A. S. Mirkin

PODRABINIK, G.M.

"Calcium and Phosphorous Balance in Abiotrophic Children Fed Various Diets,"

Pediatriya, No. 3, 1948. Gen. Sci. Res. Pediatrics, Inst., Min. Public Health RSFSR, -c1948-.

CHERNIKOVA, A.P.; PODRABINIK, G.M.

Certain characteristics of liver function in dysentary in children. Pediatriia, Moskva No.3:32-34 May-June 51. (CIML 21:4)

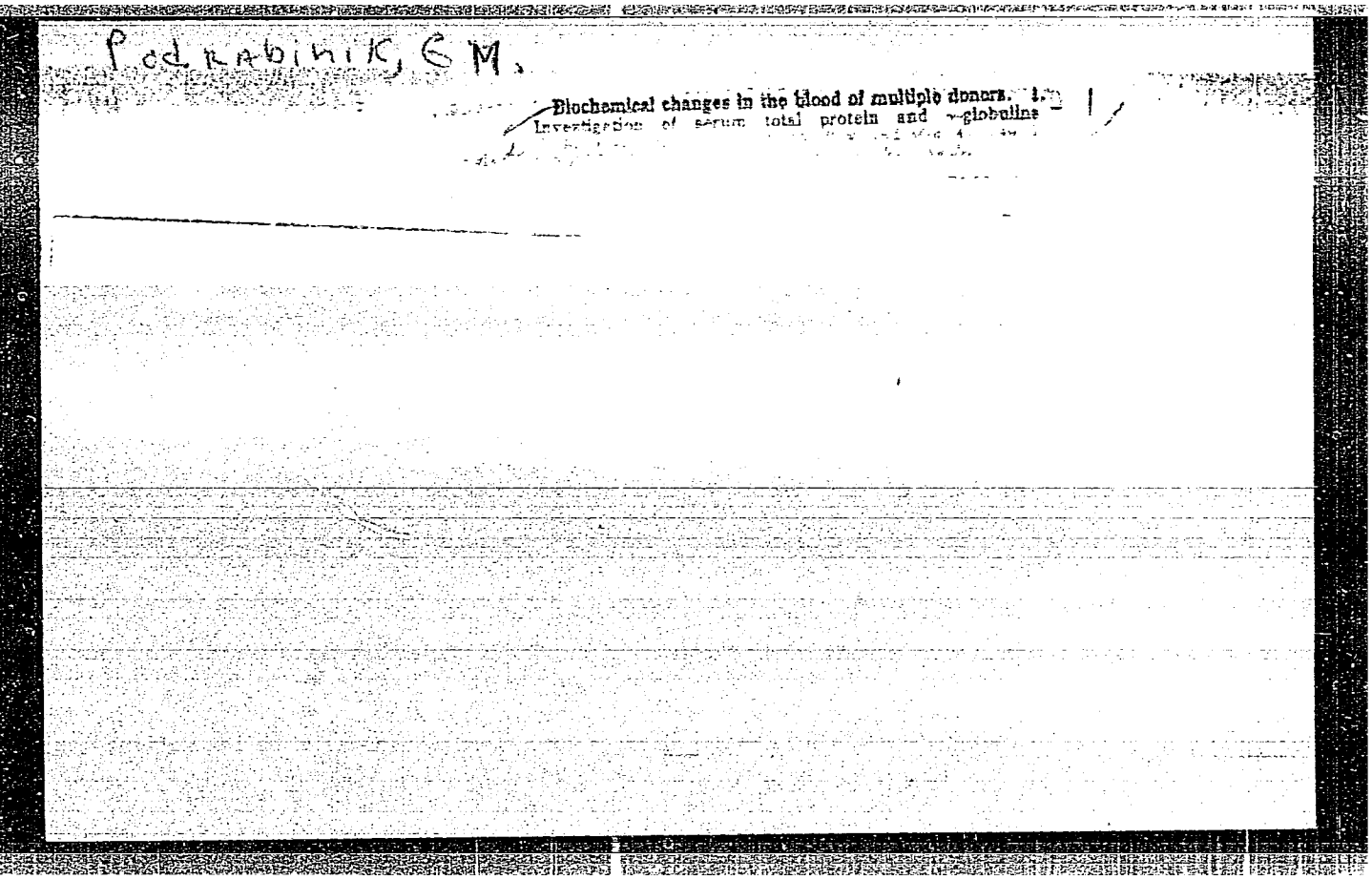
1. Of the Clinic for Acute Children's Infections and of the Biochemical Laboratory (Head--Doctor Medical Sciences A.N. Kvyatkovskaya), Central Scientific-Research Pediatric Institute of the Ministry of Public Health RSFSR (Director--Prof. S.P. Borisov).

PODRABINIK, G.M.

Biochemical modifications of the blood in donors giving blood over prolonged periods. Report no.1:Studies on the concentration of protein and gamma globulin in the serum of donors. Biul. eksp. biol.i med. 41 no.2:45-47 F '56. (MLRA 9:6)

1. Iz biokhimicheskoy laboratorii (zav.-kandidat biologicheskikh nauk G.M. Podrabinik) i donorskogo punkta korevogo otdela (zav. L.I. Gyrilanova) Khabarovskogo nauchno-issledovatellskogo instituta vaktsin i syvorotok (dir. A.M. Krupnikova) Ministerstva zdravookhraneniya SSSR. Predstavlena deystvitel'nym chlenom AMN SSSR S.Ye. Severinym.

(BLOOD TRANSFUSION,
donors, blood proteins in (Rus))
(BLOOD PROTEINS,
in blood donors (Rus))



Podrabinik, S M.

Biochemical changes in the blood of multiple donors. I.
Investigation of serum total protein and γ-globuline

PODRABINIK, G.M.; PIKOVETS, P.T.; PIROGOV, I.Ya.; LEVENSHTEYN, A.V.

Dynamics of the content of proteins and gamma globulins in antitoxic antidiphtheria sera in the process of the immunization of horses. Nauch. osn. proizv. bakt. prep. 10:227-243 '61. (MIRA 18:7)

1. Khabarovskiy institut epidemiologii i mikrobiologii.

PODRABINNIK, I.M.

New technological process for manufacturing spikes for heavy and medium harrows. Biul.tekh.-ekon.inform.Gos.nauchl-issl.inst.nauch.i tekh.inform. no.9:72-73 '63. (MIRA 16:10)

PODRABINNIK, I.M.

Review of G.D.Fel'dman's book "Cold extrusion of steel parts." Kuz.-shtam. proizv. 5 no.12:45 D '63. (MIRA 17:1)

PODRABINNIK, I.M.

The K960 single-crank simple-action press with 2,500-ton capacity. Biul.tekh.-ekon.inform.Gos.nauch.-issl.inst.nauch.i tekh.inform. 16 no.4:27-29 '63. (MIRA 16:8)

(Power presses)

PODRABINNIK, I.M.

Using bottom drive in the manufacture of presses. Biul. tekh.-ekon. inform. Gos. nauch.-issl. inst. nauch. i tekh. inform. 17 no.2:24-27 '64. (MIRA 17:6)

PODRABINNIK, I.M.; RODOV, Ye.M.

Rigidity of mechanical presses for cold extrusion and the accuracy of parts produced. Kuz.-shtam.proizv. 7 no.2:24-27 F '65. (MIRA 18:4)

S/193/61/000/005/004/006
A004/A104

AUTHOR: Podrabinnik, I. M.

TITLE: The K383 closed-type double-crank press of 2,500 tons capacity

PERIODICAL: Byulleten' tekhniko-ekonomicheskoy informatsii, no. 5, 1961, 28-30

TEXT: The K383 double-crank press has been developed in 1960 by the SKB-10 of the Gosudarstvennyy komitet Soveta Ministrov SSSR po avtomatizatsii i mashinostroyeniyu (State Committee for Automation and Mechanical Engineering of the Council of Ministers USSR) and was built at the Voronezhskiy zavod tyazhelykh mekhanicheskikh pressov (Voronezh Heavy Mechanical Press Plant). It is intended for the cold stamping of large parts. The press is driven by an individual electromotor connected with the press flywheel by a V-belt transmission. The flywheel together with the body and driving disks of the coupling rotates on the shaft of a pneumatic multi-disk friction coupling. The coupling is blocked with a multi-disk friction brake. The coupling being operated, the brake is switched off automatically. The press is put into operation by admitting air into the pneumatic cylinder, whose piston presses the driving and driven disks of the coupling together. A toothed wheel mounted on an intermediate shaft rotates the

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The K383 closed-type double-crank press ...

right branch of the drive directly while the left branch is operated by an idler. The slide block travels on four prismatic bedways. The lower supports of the connecting rod are mounted on the slide block, to which also the upper part of the die is fixed. The distance between slide block and table can regulated by an individual flanged electromotor via two worm gears. In the extreme regulation positions an automatic switch-off of the electromotor is provided for. Two kinds of upper ejectors are mounted on the press, rigid and spring-mounted ones. Six hydropneumatic cushions with pneumatic holders are mounted on the press table, which eject the parts in the time prescribed by the operation cycle. The technical specifications are the following: rated press capacity - 2,500 tons; slide block stroke - 500 mm; number of slide block strokes per minute - 8; distance between table and slide block in its lower position - 1,250 mm; regulation magnitude of the distance between table and slide block - 500 mm; table dimensions: from right to left - 7,500 mm; from front to rear - 2,000 mm; slide block dimensions from front to rear - 1,500 mm; thickness of the die support plate - 300 mm; aggregate clamping force of the table cushions - 500 tons; cushion stroke - 250 mm; aggregate ejection force of the table cushions - 53 tons; power of main drive electromotor at 1,460 rpm - 125 kw; power of electromotor of the mechanism of distance regulation between table and slide

S/193/61/000/005/004/006
A004/A104

The K383 closed-type double-crank press ..

block at 1,460 rpm - 14 kw; overall dimensions of the press in the plane: from right to left - 10,340 mm, from front to rear - 3,600 mm; height of press over ground level - 8,800; weight (approximate) 525) tons. There is 1 figure.

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Automation of Cold [Metal] Stamping Production SOV/5580

COVERAGE: The collection contains reports delivered at the Kiyev Scientific and Technical Conference by workers of machine and instrument plants, design organizations, and scientific research and educational institutes. The Conference was sponsored by the Kiyevskoye oblastnoye pravleniye Nauchno-tekhnicheskogo obshchestva mashinostroitel'noy promyshlennosti (Kiyev Oblast Administration of the Scientific and Technical Society of the Machine-Building Industry) and by the Ukrainskoye respublikanskoye pravleniye Nauchno-tekhnicheskogo obshchestva priborostroitel'noy promyshlennosti (Ukrainian Republican Administration of the Scientific and Technical Society of the Instrument-Making Industry). The purpose of the Conference was to discuss the achievements and practical experience (especially at the Gor'kiy Automobile Plant, the VEF Plant, and Leningrad factories) in the automation of stamping production. The Conference also served to acquaint a wide number of machine and instrument builders with the present state of automation in these fields and with the prospects for its further development. Papers dealing with experience in the design and operation of automatic devices, presses, and automatic production lines used in stamping production were discussed. No personalities are mentioned. References accompany most of the articles.

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PRESS I BOOK EXPLOITATION SOV/5580

Golubev, T.N., Doctor of Technical Sciences, Professor, and I.P. Tartakovskiy, Candidate of Technical Sciences, Docent, eds.

Avtomatizatsiya kholodnoshtampovochnogo proizvodstva (Automation of Cold [Metal] Stamping Production) Moscow, Mashgiz, 1961. 282 p. 6,000 copies printed.

Sponsoring Agency: Gosudarstvennyy nauchno-tekhnicheskiy komitet Soveta Ministrov SSSR. Institut tekhnicheskoy informatsii. Nauchno-tekhnicheskoye obshchestvo mashinostroitel'noy promyshlennosti. Kiyevskoye oblastnoye pravleniye. Nauchno-tekhnicheskoye obshchestvo priborostroitel'noy promyshlennosti. Ukrainskoye respublikanskoye pravleniye.

Ed.: M.S. Soroka; Tech. Ed.: M.S. Gornostaypol'skaya; Chief Ed.: (Southern Dept. Mashgiz): V.M. Serdyuk, Engineer.

PURPOSE: This collection of articles is intended for workers at machine and instrument plants and scientific research and design institutes.

Contents:

AVAILABLE: Library of Congress

Card 9/5

VK/wrc/mas
9-13-61

PODRABINEK, P.A.

Toward an estimation of a special norm ("norma") for the erythrocyte sedimentation rate. Vrach.delo no.11:1213-1215 N '59.

(MIRA 13:4)

1. Bol'nitsa goroda Elektrostal', Moskovskoy oblasti.
(ERYTHROCYTES)

PODRABINNIK, I.M., inzh.; RODOV, G.M., inzh.

A two-speed clutch for draw presses. Mash.Bel. no.6:87-89 '59.
(MIRA 13:6)

(Deep drawing (Metalwork))
(Clutches (Machinery))

RODOV, G.M.; PODRABINNIK, I.M.

Automatic sheet-stamping presses with bottom drives. Biul. tekh.-ekon.inform. no.5:30-31 '59. (MIRA 12:8)
(Sheet-metal work) (Power presses)

Podrabinnik I. M.

117-58-7-6/25

AUTHORS: Podrabinnik, I.M., and Nenartovich, N.L., Engineers

TITLE: The Modernization of an Automatic Nail Making Machine. (Modernizatsiya gvozdil'nykh avtomatov)

PERIODICAL: Mashinostroitel', 1958, Nr 7, pp 20-23 (USSR)

ABSTRACT: The single-stroke crank machine "A713A" producing round 3 x 80 mm wire nails has been modernized by designers V.I. Potapov, N.L. Nenartovich, S.Ye. Folomeyev and I.I. Sak-Sakovskiy of the Plant "8 let Oktyabrya" (" 8 Years of October") in Serpukhovo. The article gives detailed information on design changes made on the heading mechanism, the die-clamping mechanism and the blank-feed mechanism of the machine. The result of the improvement is an increased work speed; from 400 to 600 strokes per minute. The noise and vibration of the machine were reduced. The authors recommend analogous modernization for other automatic nail machines of "A715" type, those of the plant "Proletarskiy trud", and nail machines of other plant design. There are 5 diagrams, 1 photo and 2 tables.

1. Nail making machine—Remodelling

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RODOV, Grigoriy Matveyevich; PODRABINNIK, Izrail' Moiseyevich; LOBACHEV, P.V., ihzh., retsenzent; VOSKRESENSKIY, N.N., inzh., red.; UVAROVA, A.F., tekhn. red.; GORDEYEVA, L.P., tekhn. red.

[Automation of stamping equipment] Avtomatizatsiia shtampovochnogo oborudovaniia. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1961. 133 p. (MIRA 14:5)
(Automation) (Sheet-metal work) (Forging machinery)

PODRABINNIK, I.M.

The K383 double-crank closed press with 2,500 ton capacity.
Biul.tekh.-ekon.inform. no.5:28-30 '61. (MIRA 14:6)
(Power presses)

S/182/60/000/002/004/012
A161/A029

AUTHOR: Nesvit, S.M.; Rodov, G.M.; Podrabinnik, I.M.

TITLE: Automatic Press With Floating Crosshead

PERIODICAL: Kuznechno-shtampovochnoye proizvodstvo, 1960, No. 2, pp. 13 - 15

TEXT: Detailed design and operation information is given on the new "A863" (A863) high-speed sheet-stamping automatic press with "floating" crosshead, designed at Voronezhskiy CKB-10 (SKB-10) and built at Ryazanskiy zavod TKPO (Ryazan' TKPO Plant). The press is designed mainly for blanking. The design principle is illustrated in Figure 1, and design and operation in Figure 2, where "1" is the electric motor driving the shaft "2" bearing a faceplate with an adjustable crank (for adjusting eccentricity), and "4" is the "floating" crosshead performing complex reciprocative motion in vertical and horizontal direction simultaneously. The comparatively simple material feed mechanism consists of two feeding and two fixing tongs repeating the motion of the crosshead (Figure 3). The crosshead is a light-weight casting of a high-strength aluminum alloy reinforced by ribs and having a cylindrical bore in the bottom to accommodated the shank of the die and a fixing block. The fixing tongs are shown separately in

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Automatic Press With Floating Crosshead

S/182/60/000/002/004/012
A161/A029

Figure 4. Waste sheet metal is cut by shears installed on the output side of the press. The nominal work pressure of the press is 25 tons; the crosshead travel is adjustable between 5 and 75 mm; the crosshead can make 200, 250 and 270 runs per min; band metal width accommodated is 180 mm, and feed steps are adjustable between 10 and 150 mm; the three-speed motor works with 7, 9 and 10 kw. The kinematic connection is such that the feed step is always twice larger than the crosshead travel. Lubrication is liquid, central, from a built-in pump with a separate electric motor. The advantages of the press are its high productivity, simplicity of design, high accuracy of feed, accessibility and convenient setting, and its disadvantages the kinematic connection between crosshead travel and feed step increasing the inertia of mobile masses and impairing the stability of the press, and considerably higher weight compared to automatic sheet stamping presses with bottom drive. There are 4 figures.

Card 2/2

PODRABINNIK, I.M., inzh.; RODOV, G.M., inzh.

New horizontal forging machines. Mash.Bel. no.5:230-235 '58.
(MIRA 12:11)

(Forging machinery)

PODRABINNIK, I.M., inzh.; NENARTOVICH, N.L., inzh.

Modernization of automatic nail-making machines. Mashinostroitel' no.7:20-23 Jl '58. (MIRA 12:10)
(Nails and spikes) (Machine tools)

RODOV, G.M.; PODRABINNIK, I.M.

Development of the manufacture of presses in the German Democratic Republic. Biul. tekh.-ekon. inform. no. 4:88-91 '61. (MIRA 14:5)

(Germany, East--Power presses)

DOL'SKIY, V., PODRAMENSKIY, B.

Attachment for enlarging. Sov.foto 20 no.6:32 Je '60. (MIRA 13:7)

(Photography--Enlarging)

PODRASS, M. P. Cand. Tech. Sci.

Dissertation: "Fundamentals of the method for investigating automatic telephone station test circuits in systems with distributed parameters." 27 Oct 49

Moscow Electrical Engineering Inst. of Communications

SO Vecheryaya Moskva
Sum 71

PODRASHANSKAYA, B. S.
USSR/Physiology of Plants

Card 1/1

Authors : Matskov, F. F. and Podrashanskaya, B. S.

Title : Stimulators of growth as micro-fertilizers

Periodical : Dokl. AN SSSR, 95, 6, 1329 - 1331, 21 Apr 54

Abstracts : Addition, to a soil, of infinitessimally small quantities of some growth-stimulating substances (hetero-auxin, α -naphtyl acetate, etc.) greatly increases the harvest. Experimental studies of various growth stimulating organic substances, their effect on the harvest, and duration of their active life are described. Tables compiled from these studies are given.

Institution : ....

Submitted : 26 Feb 54

PODRAZHANSKAYA, Ye.I.; LYALIKOV, Yu.S., doktor khim.nauk, prof., nauchnyy red.; MATKOVSKAYA, N.A., red.; MANDEL'BAUM, M.F., tekhn. red.

[Polarography; index of literature on polarographic study methods, 1950-1957]Poliarografiia; ukazatel' literatury po poliarograficheskim metodam issledovaniia, 1950-1957 gg. Kishinev, 1960. 72 p. (MIRA 16:2)

1. Akademiya nauk SSSR. Moldavskiy filial. Nauchnaya biblioteka. (Bibliography--Polarography)

PODRASKY, E.

Universally designed industrial buildings and their standard types. p. 453.

POZEMNI STAVBY. (Ministerstvo stavebnictvi) Praha, Czechoslovakia, Vol. (1) no. 9, (September) 1959.

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

uncl.

PODRAZKY, E.; GIRSA, J.

"Significance of Universality in Our Industrial Buildings", P. 6, TECHNICKE NOVINY, Vol. 2, No. 17, September 1954, Praha, Czech.)

SO: Monthly List of East European Accessions (EEAL), LC, Vol. 4, No. 3, March 1955, Uncl.

PODRASZKO, J.

The drying of rapeseed. p. 169.

(PRZEMYSL SPOZYWCZY. Vol. 11, No. 4, Apr. 1957, Warszawa, Poland.)

SO: Monthly List of East European Accessions (EEAL) Lc. Vol. 6, No. 10, October 1957. Uncl.

YUGOSLAVIA / Chemical Technology. Leather. Fur. Gelatine. Tanning Agents. Industrial Proteins. H-35

Abs Jour: Ref Zhur-Khimiya, No 23, 1958, 80031.

Author : Kovac I., Rodravski, K.
Inst : Not given.
Title : The Production of Casein.

Orig Pub: Mljekarstvo, 1958, No 2, 43-44.

Abstract: The technological process is described concerning the production of casein from skimmed milk by the addition of whey and an initial heating at 34-35°C., followed by heating to 42°C. — to facilitate the formation of casein grains — and finally up to 60°C., to promote its solidification.

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PODRAZHANSKIY, A. S.

* The oldest (16th century) medical textbook printed in Russia (University of Ushgorod) (Russian text) SOVETSK. ZDRAVOOKH. 1954, 1 (39-44)

SO: EXCERPTA MEDICA, Section IV, Vol. 7, No. 11

POMRAZHANSKIY, A.S., dotsent

History of pharmacy in Lwov. Apt. delo 3 no.5:43-45 S-O '54.
(MLRA 7:12)

1. Iz meditsinskogo fakul'teta Uzhgorodskogo universiteta.
(PHARMACY, history,
Poland)