

MASIREVIC, Mihailo, ing. (Beograd, Ljube Stojanovica st.8)

Electromagnetic fields of radiobroadcasting stations in Yugoslavia.
II. (Conclusion). Elektr vest 28 no.3/5:57-62 Mr-Ap '60. (EEAI 10:5)
(Yugoslavia--Radio)
(Electromagnetic fields)

MISIREVIC, Mihailo, inz. (Beograd, Osmara Dikica ul. 18)

Indirect hectometric and kilometric waves of electromagnetic fields. Elektr vest 30 no.1/2:10-16, 33 '62/'63.

MASIS, F.B., mladshiy nauchnyy setrudnik.

~~.....~~
Preserving fish in large cans. Ref.nauch.rab. VNIIP no.2:27-29
'54. (Fishery products--Preservation) (MIRA 9:4)

BARMASH, A.I.; MASIS, F.B.

Conditions of counterpressure in the autoclave during the
sterilisation of meat in large cans. Keng. 1 ev. prem. 14
no.3:7-10 Mr '59. (MIRA 12:3)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut myasnoy pro-
myshlennosti (for Barmash). 2. Tsentral'naya proizvedstvennaya
laboratoriya pri Moskovskom zavode pishchevykh kontsentratov No.2
(for Masis).

(Meat, Canned--Sterilization)

MASIS, M.

FUCHESHKIN, G. (Moskva); MASIS, M. pensioner (Moskva);

Looms for weaving at home. Prom.koop, no. 3:25-26 Nr 157.

(MIRA 10:4)

1. Chlen arteli "Moztrikovyas'" (for Fucheshkin) 2. Byvshiy
tekhnoruk arteli "Moztrikovyas'" (for Masis).
(Looms)

MASIS, T.M.

"Degree of excretion" of agglutinogens of the ABO isoserological system. Sud.-med. ekspert. 4 no.3:14-20 JI-S '61. (MIRA 14:10)

1. Nauchno-issledovatel'skiy institut sudebnoy meditsiny (dir. - prof. V.I.Prozorovskiy) Ministerstva zdravookhraneniya SSSR.
(AGGLUTINOGENS)

BRONNIKOVA, M.A.; GARKAVI, A.S.; MASIS, T.M.; UL'MER, Y.E.

Group differentiation of human fetuses (isoserological systems ABO, MNSs, P, and Rh). Sud.-med. ekspert. 5 no.1:31-37 Ja-Mr '62.

(MIRA 15:4)

1. Nauchno-issledovatel'skiy institut sudebnoy meditsiny (dir. -
prof. V.I.Prozorovskiy) Ministerstva zdravookhraneniya SSSR.
(BLOOD GROUPS) (FETUS)

BRONNIKOVA, M.A.; GARKAVI, A.S.; MASIS, T.M.; UL'MER, V.E.

Characteristics of the methods and technique for studying blood group differentiation in human fetuses. Sud.-med.ekspert. 5 no.3: 30-34 JI-S '62. (MIRA 15:9)

1. Nauchno-issledovatel'skiy institut sudebnoy meditsiny (dir. - prof. V.I.Prozorovskiy) Ministerstva zdravookhraneniya SSSR.
(BLOOD GROUPS) (FETUS)

BRONNIKOVA, M.A.; GARKAVI, A.S.; MASIS, T.M.; UL'MER, V.E.

Identification of agglutinogens of the ABO isoserological system
and P agglutinin in the body tissues of human fetuses. Sud.-med.
ekspert. 6 no.1:37-39 Ja-Mr '63. (MIRA 16:2)

1. Nauchno-issledovatel'skiy institut sudebnoy meditsiny (dir. -
prof. V.I. Prozorovskiy) Ministerstva zdravookhraneniya SSSR.
(AGGLUTINOGENS) (FETUS)

MASIS, T. M.

"O 'vydelitel'stve' agglyutinogiyenov izoserologicheskoy sistemy AEO."

report submitted for 7th Intl Cong, Anthropological & Ethnological Sciences,
Moscow, 3-10 Aug 64.

BRONNIKOVA, M.A.; GARKAVI, A.S.; MASIS, T.M.

Development of the Lewis isoserological system during the process
of embryogenesis. Biul. eksp. biol. i med. 57 no. 5:62-64 My '64.
(MIRA 18:2)

1. Nauchno-issledovatel'skiy institut sudebnoy meditsiny (dir. -
prof. V.I. Prozorovskiy) Ministerstva zdравookhraneniya SSSR,
Moskva. Submitted April 12, 1963.

BRONNIKOVA, M.A.; GARKAVI, A.S.; MASIS, T.M.; UL'MER, V.E.

Characteristics of the development of the ABO isoserological system in human fetuses. Sud.-med. ekspert. 8 no.1:21-25 Ja-Mr '65. (MIRA 18:5)

1. Nauchno-issledovatel'skiy institut sudebnoy meditsiny (dir. - prof. V.I.Prozorovskiy Ministerstva zdravookhraneniya SSSR, Moskva.

BRONNIKOVA, M.A., prof.; MASIS, Y.M., kand.med.nauk

Determination of the serological groups of the P system in
dried blood. Report No.2. Sud.-med. ekspert. 3 no.2:28-33
Ap-Je '60. (MIRA 18:6)

1. Nauchno-issledovatel'skiy Institut sudbnoy meditsiny (dir. -
prof. V.I.Prozorovskiy) Ministerstva zdravookhraneniya SSSR.

POLAND/Magnetism - Ferrites and Ferrimagnetism.

F

Abs Jour : Ref Zhur Fizika, No 8, 1959, 18073

Author : Braginski, Aleksander; Masiulonis, Jozef; Reda, Witold

Inst : -

Title : Magnetically-Hard Barium Ferrites

Orig Pub : Przgl. tlelkomun., 1958, 3, No 8-9, 267-273

Abstract : No abstract.

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- 73 -

Abstract : No abstract.

MASIULANIS, Jozef, ins.

Microscopic method of investigating the graininess of ferrite powders.
Prace Inst teletechn 3 no.1:115-117 '59.

1. Zaklad Materialow Magnetycznych POLFER, Biuro Badawcze, Warszawa.

CZECHOSLOVAKIA / Farm Animals. General Problems

Q-1

Abs Jour: Ref Zhur-Biol., No 3, 1958, 12033

Author : Opichal M., Maska J., Drhikova B.

Inst :

Title : A Contribution to the Study of the Mechanics of the Action of Antibiotics and Ration Deficiency (Novoye v voprose o mekhanizme vozdeyctviya antibiotikov i nepolnotsennosti kormovogo ratsiona)

Orig Pub: Sbor. Ceskosl. akad. zemed. ved. Zivoc. vyroba, 1956, 29, No 12, 905-934 (in Czech)

Abstract: Experiments in the raising of chickens by supplementing their rations with antibiotics demonstrated that the addition of antibiotics, especially penicillin to the rations complete as far as their animal protein content is concerned has no influence upon the increase in weight of the chickens. In feeds

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3

CZECHOSLOVAKIA / Farm Animals. General Problems

Q-1

Abs Jour: Ref Zhur-Biol., No 3, 1958, 12033

Abstract: deficient in animal protein, intended for chickens aged up to 4 weeks, this deficiency was made up by adding procaine penicillin and chlortetracycline separately or jointly to the rations. The absence of these antibiotics in the feeds, as well as the addition of streptomycin, was causing a decrease in the weight of chickens. At 8 weeks, deficiency in animal protein was remedied only by penicillin and had no influence upon the weight of chickens. Likewise, at 11 weeks, penicillin alone was making up for the deficiency of animal protein. The action of streptomycin and chlortetracycline was not precisely ascertained. The results obtained also show that the addition of animal protein to the feed of chickens over 4 weeks old is not a requisite. Antibiotics did not affect the meat qualities of the

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CZECHOSLOVAKIA / Farm Animals, General Problems

Q-1

Abs Jour: Ref Zhur-Biol., No 3, 1958, 12033

Abstract: chickens and had no influence upon the weight of their liver, spleen, small intestine, thyroid gland, and seminal cords, but the weight of the suprarenal glands did increase.

Card 3/3

4

SKVARIL, Frantisek; REJNEK, Jaroslav, s technickou spolupraci; ~~MASKA~~, Jaromira

Our experience with a micromodification of immunoelectrophoresis. Cesk. epidem. mikrob. imun. 7 no.6:414-417 Nov 58.

1. Ustav hematologie a krevni transfuze v Praze. F. S. Praha 12 Tr. Wilhelma Piecka 108.

(ELECTROPHORESIS

immunoelectrophoresis, micromodification (Cz))

(IMMUNITY

same)

MASKA, L.

Czechoslovakia

Leitungsmaste aus Spannbeton.

SO: Energie Technik, December, 1955, Unclassified.

MASKA, L.

Maska, L. Poles of prestressed concrete for electric lines. p. 281.
ENERGETIKA. Praha. Vol. 5, no. 7, Aug. 1955.

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

MASKA, L.

SCIENCE

Periodicals: METEOROLOGICKE ZPRAVY. Vol. 11, no. 4/5, Oct. 1958

MASKA, L. Observation of an icing map of Czechoslovakia. p. 112.

Monthly List of East European Accessions (EEAI) IC, Vol. 8, No. 5,
May 1959, Unclass.

L 31743-66 FCC GW

ACC NR: AP6021165

SOURCE CODE: CZ/0085/65/000/004/0115/0117

AUTHOR: Maska, Lubomir

26
B

ORG: Power Research Institute (VVE EGU)

TITLE: Results of measurements of hoarfrost on electrical conduits over a period of years

SOURCE: Meteorologické zpravy, no. 4, 1965, 115-117

TOPIC TAGS: climatic condition, meteorologic observation, atmospheric condensation, electric wire

ABSTRACT: The article presents a summary of hoarfrost observations conducted by the Electrical Works in 1960-1963 and also the results of measurements at Praded (1492 m), Sucha mountain near Kremnice (1232 m) and Nyklovice near Policka (734 m). Orig. art. has: 4 figures and 6 tables. [Based on author's Eng. abst] [JPRS]

SUB CODE: 04 / SUBM DATE: none / ORIG REF: 002

LS

Card 1/1

UDC: 551.574.42

CZECHOSLOVAKIA/Cosmochemistry. Geochemistry. Hydrochemistry. D

Abs Jour: Ref Zhur-Khimiya, No 22, 1958, 73606.

Author : ~~Maska~~, Miroslav

Inst :

Title : On the Pre-Tertiary Metallogenesis of Western
Carpathian Mountains, In Particular of the Spish-Gemer
Ore-Bearing Mountains.

Orig Pub: Geol. prace. SAV, 1957, No 46, 96-106.

Abstract: The origin and the development of the main minerali-
zation and its connection with the geology, the
tectonics and the petrography of the region are
discussed based on experimental data and previous
works.

Card : 1/1

MASKA, M.

"Notes on the pre-Tertiary metallogenesis of the Eastern Carpathians, especially of the Spis-Germer Ore Mountains."

p. 96. (Chesky Lid., Vol 10, No. 3, 1958, Prague, Czechoslovakia)

GEOGRAPHY & GEOLOGY

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

ZOUBEK, Vladimir, akademik; KARNIK, V.; KASPAR, J.; MASKA, M.;
VACHTL, J.; ZATOPEK, A.

Research on the deep earth layers and its place in the research
on inorganic nature. Vestnik CSAV 72 no.3:327-332 '63.

MASKALAN, V.A., inshener.

**Road construction efficiency innovators. Ger.khos. Mosk. 29 no.11:
32-34 N '55. (MLBA 9:3)**

(Road construction)

MASKALENKO, Yu.Ye.

Use of ultrahigh frequencies in biological research. *Biofizika*
3 no.5:619-626 '58 (MIRA 11:10)

1. Institut evolyutsionnoy fiziologii imeni I.M. Sechenova AN
SSSR, Leningrad.

(ELECTRICITY,
ultra-high frequencies in biol. research (Rus))

80286

S/170/60/003/04/15/027

B007/B102

10-1200

AUTHORS: Bychkov, Yu. F., Maskalets, V. N., Rozanov, A. N.

TITLE: Characteristic Features in the Beta Phase Decay in Zirconium Alloys .

PERIODICAL: Inzhenerno-fizicheskiy zhurnal, 1960, Vol. 3, No. 4, pp. 95 - 98

TEXT: The data known from publications and obtained by the authors indicate a relation between stability of the beta-phase in zirconium alloys and concentration of the outer electrons. It is shown that the degree of stability of the beta-phase and the composition of the alloys, in which the omega-phase is formed in hardening, depends to a considerable extent on the concentration of the outer electrons in the alloy. For this reason chromium and molybdenum must have a stabilizing effect on the beta-phase, twice as strong as that of niobium or vanadium. In the present case zirconium alloys with 15 % by weight of Nb and such with 10 % by weight of Mo were investigated. The experiment is briefly described. It showed that the dependence of the physical properties of hardened zirconium alloys with 15 % Nb and of such with 10 % Mo on the temperature of heating is not monotonic. The experimental data concerning the alloy with 10 % Mo are given in Fig. 1; the data concerning

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X

Characteristic Features in the Beta Phase
Decay in Zirconium Alloys

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S/170/60/003/04/15/027
B007/B102

the alloy with 15 % Nb are given in the paper of Ref. 2. Fig. 2 shows the change of the modulus of elasticity E , of the electric resistivity ρ and of the Brinell hardness in isothermal drawing at 300, 400 and 500°C of the zirconium alloys with 15 % Nb. Fig. 3 shows the same for a zirconium alloy with 10 % Mo. The change of the alloy properties in drawing, the increase of the electric resistance by 10 %, of the modulus of elasticity by 65 - 75 %, of hardness by twice its amount, is somehow connected with the character of the omega transition phase and with the change of the properties of the matrix. The high values of the modulus of elasticity (more than 10 000 kg/mm²) and probably also the decrease in volume of the alloy in omega-phase formation are indicative of intermetallic properties of the omega-phase insofar as beta-phase lattice tensions (arising when the new phase is forming) may lead to an increase in electric resistance and in hardness, but not to an increase of the modulus of elasticity. A formula for calculating the activation energy of the formation of the omega-phase is written down on the assumption that a certain quantity and degree of separation of the omega-phase corresponds to the electric resistivity maxima at 300 and 400°C, and that the omega-phase formation depends exponentially on temperature. The results obtained in the calculation of the activation energy show that the omega-phase formation

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Characteristic Features in the Beta Phase
Decay in Zirconium Alloys

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B007/B102

in drawing is limited by the mobility of the elements in the alloy. There are
3 figures, and 7 references, 4 of which are Soviet.

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MASKALIK, A.I., inzh.

Shallow, pleasure launch with underwater wings. Sudostroenie
26 no. 11:43-44 N '60, (MIRA 14:1)
(Launches) (Planing hulls)

PROSP. GIBS. SUCCESSEURS --- 4

Basis symbols --- 5

Ch. I. Some general features of the design of hydrofoil craft --- 6

Card 2/2

L 45818-65

ACCESSION NR. AM5002720

Ch. II. Domestic hydrofoil craft --- 5u

SUBMITTED: 13 Jul 64

SUB CODE: 00, AC

HC REF SOV: 009

OTHER: 002

Card 2/2

Country : RUMANIA
Category : Forestry. Forest Cultures. K
Abs Jour : RZhBiol., No 6, 1959, No 24736
Author : Maskan, A.
Inst :
Title : A Proposition for the Restoration of Spruce
Plantations, Destroyed by Fire in the Basin
of Vai Draganulu.
Orig Pub : Rev. padurilor, 1958, 72, No. 4, 195-197
Abstract : The composition of grass vegetation, appearing
in the plantations after fire, is examined. It
is proposed to create mixed plantations by
planting about 7000 seedlings of spruce, larch
and platan per one hectare. It is underscored
that, under these conditions, the forest may
be restored also by planting under the protec-
tion of grass vegetation. Best conditions for
Card : 1/2

MASKARIN, A.

Our word is as firm as steel. Sov. profsciuzy 17 no.14:4-6
Jl '61. (MIRA 14:7)

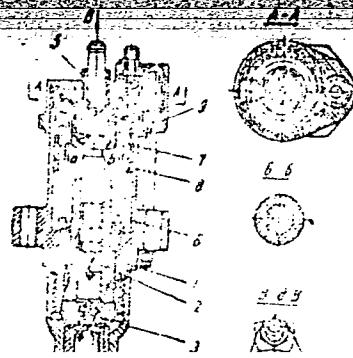
1. Predsedatel' proizvodstvenno-massovoy komissii zavkoma
Kolomenskogo teplovozostroitel'nogo zavoda Moskovskoy oblasti.
(Kolonna--Diesel locomotives) (Socialist competition)
(Works councils)

MASKARIN, Aleksandr Vasil'yevich; POPOV, A.S., red.; SHADRINA, N.D.,
~~tekhn. red.~~

[Creative contributions of engineers and workers; from the
work practice of mixed brigades in an enterprise] Tvorche-
skie vklady inzhnerov i rabochikh; iz opyta raboty kompleks-
nykh brigad na predpriatii. Moskva, Profizdat, 1961. 61 p.
(MIRA 15:7)

1. Predsedatel' proizvodstvenno-massovoy komissii zavodskogo
komiteta Kolomenskogo teplovozostroitel'nogo zavoda im. V.V.
Kuybysheva (for Maskarin).

(Kolonna--Diesel engines--Technological innovations)
(Socialist competition)



SKLYAR, V.T., kand.khim.nauk; BODAN, A.N., inzh.; MASKAYEV, A.A., inzh.

Rapid oxidation of Drogobych paraffin. Nauch.zap.Ukrainiproekta
no.8:3-9 '62. (MIRA 16:1)
(Drogobych—Paraffins) (Oxidation)

BODAN, A.N.; MASKAYEV, A.K.; POLUNIN, M.N.

Investigating the conditions for the use of vat residues from
the distillation of synthetic fatty acids in the production of
bitumens. Neft. i gaz. prom. no.1:46-49 Ja-Mr '64.

(MIRA 18:2)

BODAN, A.N.; MASKAYEV, A.K.; KHRAPKO, V.I.

Investigating the coking of products of the noncompressor oxidation of petroleum residues. Neft. i gaz. prom. no.4:50-52 O-D '64
(MIRA 18:2)

MASKE, J. ; MAXA, V. ; VEDICH, M.

Defects in butter and their elimination. p.49

PRUMYSL POTRAVIN. (Ministerstvo potravinarskeho prumyslu) Praha

Vol. 6, no. 1, 1955

East European Accessions List

Vol. 5 No. 1

Jan. 1956

S/113/60/000/010/001/014
D270/D501

AUTHORS: Chapchayev, A.A., Candidate of Technical Sciences,
Karpov, K.V., and Maskenskov, K.M.

TITLE: Gasoline injection in the GAZ-12 engine

PERIODICAL: Avtomobil'naya promyshlennost', no. 10, 1960, 4 - 7

TEXT: On the basis of a standard carburettor from the ГАЗ-12 (GAZ-12) engine, NAMI endeavored to produce a prototype engine with direct gasoline injection. Its purpose was to obtain maximum power and economy. The feed system of the experimental engine was formed by a high pressure 6-plunger gasoline pump with its supply piston pump and vacuum regulator, nozzle, valve tube and fuel filter. Two variants of cylinder heads were designed. The location of the nozzle over the exhaust valve is important with regard to cooling the hot zone, improved evaporation of fuel and favorable conditions for mixing. Automatic regulation of the mixture was accomplished with a diaphragm type vacuum regulator, connected to the choke tube. A detailed description and account of their operation are given. The

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Gasoline injection in the ...


S/113/60/000/010/001/014
D270/D301

system is provided with sufficient regulation and with the necessary means for correcting the mixture in relation to the operating conditions. The experiments began with the investigation of the experimental cylinder head, a compression ratio of 6.7 and the nozzle in the axis. The engine worked best at an injection angle of 65°, when the engine developed 61 hp at 2,000 rpm with a consumption of 240 g/hp.hour. The engine worked abnormally with injection during the compression cycle. When angles are larger than 90°, too short duration produces bad mixing; this variant of injection results in higher power but lower fuel economy. The engine with a standard heat, 6.2 compression and nozzle over the cylinder (injection angle 65°) worked steadily with markedly enriched mixtures. The engine worked much better with the nozzle located above the exhaust valve. Experiments demonstrated that the most suitable moment of injection is to start it during suction at 25° after top dead center. Increase of this angle leads to over-rich regulation. This confirms the findings of various investigations that optimum injection is in the first half of the suction cycle. The needle nozzle proved to be the best type, particularly from point of view of fuel economy, because

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Gasoline injection in the ...

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D270/D301

It gives better mixing. The experimental chamber is superior in economy, whereas the standard chamber provides more power; the former ensures a better mixture, but the latter is superior from a thermodynamical point of view due to the lower surface area/volume ratio. As far as the composition of mixture is concerned, the optimum requirements of the GAZ-12 engine with direct injection are related to operational conditions, as in the carburettor engine. The "average" setting ensures a regulation that is less rich than the optimum in the range of 1000-1500 rpm, richer for 2500-3000 rpm and practically optimum in the range 1500-2500 rpm. Optimum regulation for the whole range of speed and load conditions can be obtained only with special tuning and by relating the characteristic of pump fuel feed to the requirements of the engine, corresponding adaptation of the inlet system, etc. Direct injection of the GAZ-12 engine without basic modifications gave an increase in engine power and torque while maintaining fuel economy. There are 5 figures and 1 table. 

ASSOCIATION: NAMI

Card 3/3

CHAPCHAYEV, A.A., kand.tekhn.nauk; ISAVNIN, G.S.; ~~MASKENSKOV, K.M.~~

Gasoline-injection engine. Avt.prom. 28 no.5:8-9 My '62.
(MIRA 15:5)

1. Gosudarstvennyy soyuznyy ordena Trudovogo Krasnogo Znameni
nauchno-issledovatel'skiy avtomobil'nyy i avtomotorny institut
i Gor'kovskiy avtosavod.

(Automobiles--Engines)

MASKEYEV, K.M.

Role of the rehabilitation board in the treatment of osteoarticular tuberculosis. Probl. tub. 42 no.11:5-8 '64.

(MIRA 18:8)

1. Detskiy kostnotuberkuleznyy sanatoriy "Chim Bulak" (glavnyy vrach L.S.Dmitriyev) Ministerstva zdravookhraneniya Kazakhskoy SSR.

MASKEYEV, K.M.

Effectiveness of the over-all treatment of children with
osteoarticular tuberculosis at the "Chim-Bulak" Sanatorium.
Zdrav. Kazakh. 21 no. 4:51-53 '61. (MIRA 14:4)

1. Iz kafedry tuberkuleza (zav. - professor V.I. Zyuzin)
Kazakhskogo meditsinskogo instituta.
(BONES--TUBERCULOSIS)

MASKHARASHVILI, A.A.

New locomotives built by the Tiflis Electric Locomotive Plant.
Zhel. dor. transp. 46 no.5:43-49 My '64. (MIRA 18:2)

1. Glavnyy inzh. Tbilisskogo elektrovozostroitel'nogo zavoda.

GURGENIDZE, M.Z., inzh.; MASKHARASHVILI, E.G.; KARELI, N.I., inzh.

Use of "exkapone" insulating materials in the traction motors of
main line electric locomotives. Vest. elektroprom. 34 no.5:
15-18 My '63. (MIRA 16:5)

(Electric railway motors)
(Electric insulators and insulation)

MASKHULIYA, A. Ye.

USSR/Pharmacology. Pharmacognosy. Toxicology. - Local Anaesthetics. T-4

Abs Jour : Referat Zhur - Biologiya, No 16, 1957, 71698

Author : Maskhuliya, A. Ye.

Inst :

Title : Venous Pressure in Different Types of Diseases.

Orig Pub : Khirurgia, 1956, No 9, 43-45

Abstract : The venous pressure (VP) of 160 patients was measured during operations (alimentary tract resection, stomach resection, appendicitis etc.,). Under ether-oxygen anaesthesia the rise in venous pressure was noted during the stage of deep sleep. The arterial pressure (AP), rose insignificantly, the breathing increased in frequency. In spinal anaesthesia VP falls sharply; in epidural anaesthesia there is a fall in VP, which returns to level with ether administration; in local there is no change in VP. In cooling (3 patients) with a favorable course of anaesthesia the difference in VP and AP fluctuations

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USSR/Pharmacology. Pharmacognosy. Toxicology. Local Anaesthetics. T-4

Abs Jour : Referat Zhur - Biologiya, No 16, 1957, 71695

III did not have this effect. I in doses up to 5 mg/kg produced excitation of the breathing, while the others did not. The introduction of I in 15 mg/kg, II and III in 1 mg/kg doses produces hypertension, the character and degree of which is most prominent in III and least distinct in II; the depression of breathing was caused by I in dose of 10 mg/kg, II - 1 mg/kg, and by III - 0.5 mg/kg.

Card. 2/2

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MASKHULIYA, A. Ye., Cand Med Sci -- (diss) "Venous pressure
in operations with ^{various types} different ~~forms~~ of anesthesia and in ~~state of~~ shock." Mos, 1957. 11 pp (First Mos Order of Lenin
Med Inst im I. M. Sechenov), 200 copies (KL, 2-58, 116)

PAFOMOV, G.A.; MASHULIYA, A.Ye. (Moskva).

Apparatus for repeated venous pressure measurements during surgery.
Eksp. khir. 3 no.6:55 N-D '58. (MIRA 12:1)
(SPHYGMOMANOMETER)

MASKILEYSON, A.M.

Semiautomatic uncoiler for strips. Biul. TSIICM no.5:40-42
'61. (MIRA 14:10)

1. Vsesoyuznyy nauchno-issledovatel'skiy i proyektno-
konstruktorskiy institut metallurgicheskogo mashinostroyeniya.
(Pipe mills--Equipment and supplies)

MASKILEYSON, A.M.

High-speed unit for continuous welding of pipes in a furnace.
Biul.tekh.-ekon.inform.Gos.nauch.-issl.inst.nauch.i tekhn.inform.
no.11:43-45 '62. (MIRA 15:11)

(Welding)

MASKIN, M.G.

MASKIN, M.G.; NEMTINOV, A.M.; KET'KO, P.Ya., otvetstvennyy redaktor;
~~NIKOV, V.A.~~, redaktor; SHEPAK, Ye.G., tekhnicheskiy redaktor

[Controlling the quality of coals and oil shales] Kontrol' kachestva uglei i goriuchikh slantsev. Moskva, Ugletekhisdat, 1953.
175 p. (MIRA 7:9)
(Coal--Testing) (Oil shales--Testing)

MASKIN, M. G.

LEVITSKIY, Ya.B.; MASKIN, M.G.; GRIGOR'YEV, G.I.; SHMIDT, A.K.; GREK, A.I.

For radical changes to improve coal quality standards. Ugol' 32 no.10:
44-45 0 '57. (MIRA-10:11)

(Coal--Grading)

MASKIN, Manuil Gavrilovich; NEMTINOV, Aleksandr Mikheyevich; SKLYAR, P.T.,
otv. red.; KACHAYKINA, Z.I., red. izd-va; MAKSIMOVA, V.V., tekhn.
red.

[Coal quality control in underground and open pit mines] Kontrol' ka-
chestva uglei na shakhtakh i razrezakh. Izd.2., perer. i dop. Mo-
skva, Nauchno-tekhn. izd-vo lit-ry po gornomu delu, 1961. 215 p.
(MIRA 14:11)

(Coal mines and mining—Quality control)

UL'YANOV, I.A., inzh.; SOLDATENKOV, A.P., inzh.; DMITRIYEV, V.K.,
inzh.; MASKIN, M.G., inzh.; POZIGUN, L.V., inzh.;
DUKTOVSKAYA, O.A., inzh.; CHEKUNOV, I.N., inzh.; LIKIMOVICH,
Ye.F., inzh.; KAPITONOVA, Z.I., inzh.; LEVITSKIY, Ya.B., otv.
red.; ROMANOVA, L.A., red. izd-va; OVSEYENKO, V.G., tekhn.red.

[Coals of the U.S.S.R.] Ugli SSSR; spravochnik. Moskva, Gos
gortekhzdat, 1962. 318 p. (MIRA 15:11)

(Coal)

MAS'KIN, N.M.

Groups of infinitesimal transformations of ruled complexes. Sib.
mat.zhur. 3 no.2:229-243 Mr-Apr '62. (MIRA 15:4)
(Groups, Theory of) (Transformations, Infinitesimal)
(Complexes)

L 20688-66 EWT(d) IJP(a)

ACC NR: AP6012004

SOURCE CODE: UR/01:99/65/006/002/0383/0397

AUTHOR: Mas'kin, N. M.

ORG: none

TITLE: Infinitesimal dual-spherical transformations of a linear complex

SOURCE: Sibirskiy matematicheskiy zhurnal, v. 6, no. 2, 1965, 383-397

TOPIC TAGS: mathematic transformation, mathematics

ABSTRACT: The author suggests, in addition to the methods developed by N. I. KOVANTSOV and K. N. SCHERBAKOV for the study of complexes, a method consisting in the following: on a geometric image one determines a certain group of infinitesimal transformations and then finds and studies those images for which the transformations that constitute this group and that depend on a given number of parameters or arbitrary functions are possible. The transformation of a complex obtained by an arbitrary infinitesimal transformation of the frame of reference is said to be infinitesimal. An infinitesimal transformation of a complex in which each ray is transformed into a ray of its first differential neighborhood is said to be a transformation into the first differential neighborhood. An infinitesimal transformation of a complex in which its external dual quadratic form changes dually proportionally is said to be dual-spherical. The article finds and partially studies some classes of complexes which allow groups of dual-spherical transformations into the first differential neighborhood — with the central developable surfaces, lateral surfaces

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UDC: 513.71

L 20688-66

ACC NR: AP6012004

of Haack, and lateral surfaces of Glavatyy remaining invariant during the transformations of these complexes. The following groups of infinitesimal dual-spherical transformations of complexes into the first differential neighborhood are considered: 1) group \mathcal{O}_1 , which is defined as one in which central developables of a complex are transformed into central developables; 2) group \mathcal{O}_2 , which is defined as one in which lateral surfaces of Glavatyy are transformed into lateral surfaces of Glavatyy; 3) group \mathcal{O}_3 , which is defined as one in which lateral surfaces of Haack are transformed into lateral surfaces of Haack. Orig. art. has: 51 formulas. [JPRS]

SUB CODE: 12 / SUBM DATE: 14May63 / ORIG REF: 008 / OTH REF: 001

Card 2/2 BK

MAS'KO, A.

Soviet miners' international communications. *Mest. ugli* 7 no. 5:27-
29 My '58. (MIRA 11:?)

1. Zaveduyushchiy otdelom mezhdunarodnykh svyazey Tsentral'nogo
komiteta profsoyusa rabochikh ugol'noy promyshlennosti.
(Coal miners)

MAS'KO, A.

On a visit to British miners. Mast.ugl. no.4:26-27 '59.

(MIRA 12:6)

(Great Britain--Coal miners)

MIRONENKO, A.V.; SPIRIDONOVA, G.I.; MAS'KO, A.A.

Chromatographic method for the separation and identification of
lupine alkaloids. Dokl. AN BSSR 3 no.2:70-73 P '59.
(MIRA 12:5)

1. Predstavleno akademikom AN BSSR N.F. Yermolenko.
(Alkaloids)

MIRONENKO, A.V.; GODNEVA, M.F.; MAS'KO, A.A.

Studying the role of various organs of lupine in the biosynthesis
of alkaloids through the use of tagged atoms. Dokl. AN BSSR 3 no.4:
171-173 Ap '59. (MIRA 12:10)

1. Predstavleno akademikom AN BSSR B.V. Yerfeyevym.
(Lupine) (Alkaloids)

36325
S/580/61/000/000/004/016
A057/A126

J. J. 100

AUTHORS: Chirko, A.I., Mas'ko, A.A.

TITLE: Products and kinetics of the autoxidation of 1-cyclohexylcyclohexene-1

SOURCE: Yerofeyev, B.V. and I.G. Tishchenko, eds. Zhidkofaznoye okisleniye nepredel'nykh organicheskikh soedineniy, Minsk, 1961, 39 - 50

TEXT: The effect of four different initiators and their concentration, of temperature, of concentration, of 1-cyclohexylcyclohexene-1 and of its storage, on the maximum rate V_m of liquid-phase autoxidation of 1-cyclohexylcyclohexene-1 was investigated. The primary product of autoxidation was separated, the physico-chemical characteristics and structure were determined. This study was carried out to determine the position in the molecule of 1-cyclohexylcyclohexene-1 which is easiest attacked by autoxidation, since theoretically there could be several possibilities. The autoxidation product of 1-cyclohexylcyclohexene-1 was prepared without an initiator during 48 h at 50°C with a 56.9% yield and separated through sodium salts, since it decomposes in vacuum distillation. The pure hydroperoxide (n_D^{20} 1.5045, d_4^{20} 1.0250) was transformed into the corresponding alcohol in order

Card 1/3

X

Products and kinetics.....

S/880/61/000/000/004/016
A057/A116

to determine the structure and the 1-cyclohexylcyclohexene-1-ol-6 obtained, proving that the primary product of autoxidation was 1-cyclohexyl-6-hydroperoxide-cyclohexene-1. Thus the autoxidation occurs easiest to the methylene group of the cyclohexene ring, which group is in the α -position in relation to the double bond and the quaternary carbon atom. Good reproducibility of autoxidation kinetics was observed in the presence of 0.5% manganese stearate (as initiator) at 50°C with 45 days stored and freshly prepared 1-cyclohexylcyclohexene-1. Tests on the activity of the initiators showed the greatest effect for cobalt stearate, some lower effect for manganese stearate, and no effect for lead dioxide and "lyumino-for J-15" (luminophor L-15). From results obtained on the effect of temperature upon V_m the activation energy was calculated with 23,888 cal/mole. The dependence of V_m on the concentration of the initiator (manganese stearate) can be expressed by

$$V_m = \frac{a [u]}{1 + b [u]}$$

(a = 5, b = 1.7, [u] = concentration of the initiator). The effect of the concentration of 1-cyclohexylcyclohexene-1 on V_m is rather original showing a non-proportional increase of V_m until 4.5 mole/liter and a sharp decrease with a further increasing of the concentration of 1-cyclohexylcyclohexene-1. The average rate V_{av} of autoxidation depends on the concentration of 1-cyclohexylcyclohexene-1. X

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Products and kinetics....

S/580/61/000/000/004/016
A057/A126

-1 according to: $V_{av} = KC_k^n$: There are 6 figures and 5 tables.

Card 3/3

X

VECHER, A.S.; MAS'KO, A.A.

Amino acid composition of proteins in different plastid types.
Dokl. AN BSSR 6 no.3:193-195 Mr '62. (MIRA 15:3)

1. Institut biologii AN BSSR.
(CHROMATOPHORES) (AMINO ACIDS)

VECHER, A.S. [Vecher, A.S.]; MAS'KO, A.A.; CHAYKA, M.T.

Change in the plastids of potato tubers under the influence of
many days of light. Vestsi AN BSSR Ser. bial. nav. no.3:74-80
'64 (MIRA 18:1)

KOROBKA, I.I.; MAS'KO, A.K.

Read construction in the Kotevka District. Avt.dor. 19 no.8:
30 Ag '56. (MIRA 9:10)
(Kotevka District--Road construction)

MAS'KO, N.Ye., insh.; KEL'MA, L.Ya., insh.

A new evaporator cooler for thermal deaerators. Elek. sta. 33
no.8:71 Ag '62. (MIRA 15:8)

(Steam power plants)

KEL'MAN, L.Ya., inzh.; MAS'KO, N.Ye., inzh.

Use of shot in the cleaning of a feed water economizer in a system operating on Estonian shale. Elek. sta. 34 no.11:16-20 N '63.
(MIRA 17:2)

BING, R.G.; KAZARINOV, N.D. (Madison, Wisconsin, SShA); KAZHDAN, I.A.,
(studentka 4-go kursa); MAS'KO, S.S. (studentka 4-go kursa); DORFMAN,
A.G. (Gor'kiy); KUZHEL', A.V. (Uman'); SKOPETS, Z.A. (Yaroslavl');
TELESIN, Yu.Z. (Moskva)

Brief notes. Mat.pros. no.6:205-216 '61.

(MIRA 15:3)

1. Moskovskiy gosudarstvennyy pedagogicheskiy institut imeni Lenina
(for Kazhdan, Mas'ko).

(Mathematics--Problems, exercises, etc.)

MASKOV, A. V.

"A Telescope With Internal Focusing".

Tr. Mosk, in-ta Inzh. Zemleustroystva, No 1, pp 117-123, 1954

Has many advantages in comparison with telescopes with external focusing; in spite of small dimensions it provides a high magnification power and its position of the aiming axis is practically stable; its weak point is the variability for the focus of the equivalent lens. A formula for range determination by range finder with internal focusing is derived. (RZhFiz, No 9, 1955)

SO: Sum No 812, 6 Feb 1956

MASKOV, M.S. (Leningrad)

Seventh International Congress of Pediatricists. Vop. okh. mat. i det.

1 no. 6:89-90 N-D '56.

(MIRA 10:1)

(PEDIATRICS--CONGRESSES)

MASKOVA, A., ZAKS, M.

"A New Method of Raising the Fat Level in Milk" p. 931, (ZA SOCIALISTICKE ZEMEDELSTVI, Vol. 2, no. 8, August 1952, Praha, Czechoslovakia).

SO: Monthly List of East European Accessions, LC, Vol. 2, No. 11, Nov. 1953, Uncl.

VB 16 52174 S
*Link, F and Málková, B. *at 300 peak-outside entries: 1. *Les Eruptions* Catalogue d'éruptions
observées à Ondřejov de 1948 à 1950. 2. *Observations de taches solaires observées à Ondřejov de 1948
à 1950* 3. *Bulletin of the Astronomical Institute of the Academy of Sciences Prague* 11:11:146-196. 1951.
11 1951. 6 figs. table. DLC. 4. *Handbook of Solar Eruptions* are given as well as //*

"APPROVED FOR RELEASE: 07/12/2001

CIA-RDP86-00513R001032720015-0

APPROVED FOR RELEASE: 07/12/2001

CIA-RDP86-00513R001032720015-0"

MASEK K., MASKOVA J.

Studies of the serum proteins fraction in pregnancy. *Cesk. gyn.*
15:4-5 1950. p. 313-29

1. Of the Third Gynecological and Obstetrical Clinic. (Head — Prof. Jiri Trapl, M. D.), Charles University, Prague, and of the Central Laboratory of the State Faculty Hospital, Prague, with Branch Clinic at Prague-Podole (Head — Docent J. Horejsi, M. D.).

CLML 19, 5, Nov., 1950

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

1ST AND 2ND ORDERS

PROCESSES AND PROPERTIES INCPA

IND AND 4TH ORDERS

MASKOVA, J.
CA

154

Phytohormones as selective herbicides. Jarmila Maskova. *Zemledělská Abstr. Věstník* C.12 23, 282 (8) (1949).—The effect of selective herbicides on plants, soil, and soil microorganisms and the effect of light, temp., moisture, and culture media on the selective herbicides, is discussed. The effective doses of 2,4-dichlorophenoxyacetic acid (2,4-D) are harmless for humans and cattle, showing a great selectivity for broad-leaved (dicotyledonous) weeds, while narrow-leaved weeds are susceptible to *O*-isopropyl-*N*-phenylcarbamate which has a possibility of destroying the couch-grass. Jan Micka.

ASB-3LA METALLURGICAL LITERATURE CLASSIFICATION

1ST AND 2ND ORDERS

3RD AND 4TH ORDERS

1ST AND 2ND ORDERS

3RD AND 4TH ORDERS

1ST AND 2ND ORDERS

3RD AND 4TH ORDERS

1ST AND 2ND ORDERS

3RD AND 4TH ORDERS

MASKOVA, J.
CA

15A

Isopropyl phenylcarbamate as a hormonal killer of monocotyledonous weeds. J. Masková (Agr. Univ., Brno, Czech.). *Sborník Českoslo. Akad. Zemědělství* 22, 330-7(1950).--Expts. with pea and bean seedlings show that isopropyl phenylcarbamate (I) has teleomorphic effects and weakens the normal correlative dominance of the buds. The higher concns. cause tumor formation, while the lower concns. inhibit slightly the growth but do not kill the plant. I solns. which act immediately, show a strong inhibition of root elongation of grasses and other monocotyledonous plants and germination of seeds. This effect does not spread within the plant, in contrast to the deleterious action of 2,4-D on dicotyledonous weeds.
Jan Micka

MASKOVA, M.

Preventive examination of school children. Acta chir. orthop. traum.
Cech. 29 no.1:21-22 F '62.

(POSTURE in inf & child)

MASKOVA, M.

Conservative therapy of scolioses in children. Acta chir. orthop.
traum. cech. 29 no.4:337-341 Ag '62.

1. Oddeleni lecebneho telocviku KUNZ Brno.
(SCOLIOSIS)

MASKOVA, Milena

Problems of financing and crediting in the railroad transportation
under the new management system. Doprava 7 no.2:101-104 '65.

Maskovic, S. A.

Maskovic, S. A. On prediction of atmospheric pressure
by means of a high speed electronic computer. Dokl
Akad. Nauk SSSR 1964, 197, 10, 1974-1975. (Rus-
sian)
After simplifying some of the terms in the partial
differential equations to which the author used the BESM,
"flat" earth can be reduced the author used the BESM.

I-FIW

about 40 minutes
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ACC NR: AP6035155

(A)

SOURCE CODE: PO/0081/65/019/002/0216/0218

BUJNOWSKI, Zbigniew, KARWOWSKA, Krystyna; SZYMAJDA-KOLLOTO, Barbara and MASKOWSKA-IWANICKA, Danuta; Clinic of Infectious Diseases of the Medical Academy (Klinika Chorob Zakaznych AM), Bialystok, and Regional Sanitary and Epidemiologic Station (Wojewodzka Stacja Sanitarno-Epidemiologiczna) Bialystok.

21
B

"Epidemiologic Analysis of Mass Outbreaks of Poisoning in the Territory of the Bialystok Wojewodztwo 1953 to 1963."

Warsaw, Przegląd Epidemiologiczny, Vol 19, No 2, 1965; p 216-218.

Abstract: Review of 59 outbreaks involving 929 patients, with hospitalization necessary for 347 of these; 9 of the latter died of the disease. The data regarding the number of outbreaks and persons involved are given for each year; causative organisms and food involved are discussed, as well as diagnostic methods. Most cases were due to home-processed meat products; occurrence was seasonal mainly May to October; only one case was due to ice cream. Presented at the 3rd Scientific Assembly of Polish Epidemiologists and Infectologists.

Krakow, 5-6 Oct 64. [JPRS]

TOPIC TAGS: epidemiology, therapeutics

SUB CODE: 06 / SUM DATE: none

Card 1/1 big

0921 1545

MASKOWSKI, Alfons; SMIGLA, Krystyna; ZIELINA, Jan

Morphological study of the hepato-pancreatic ampulla in
cholelithiasis. Polski przegl. chir. 35 no.6:581-586 '63.

1. Z Oddziału Chirurgicznego i Zakładu Anatomii Patologicznej
Szpitala Śląskiego w Cieszynie Dyrektor: dr A. Mackowski.
(VATER'S AMPULLA) (PATHOLOGY)
(CHOLELITHIASIS)

MASKUDOV, G.A., dotsent, (Moskva)

Anticoagulants in neurology. Sov.med. 21 no.5:33-40 My '57.
(MLRA 10:7)

(CEREBRAL EMBOLISM AND THROMBOSIS, ther.

anticoagulatnts, review)

(ANTICOAGULATNTS, ther. use

cerebral embolism & thrombosis, review)

FORM 104-100 INT(S)/INT(e) NR.

ACC NR: AR6022141 SOURCE CODE: UR/0276/66/000/002/B027/B027

AUTHOR: Maskvitin, A. N.

41
B

TITLE: Results of ultrasonic machining of materials in a suspension of carbide boron powder in perhydrol

SOURCE: Ref. zh. Tekhn mashinostr, Abs. 2B207

REF SOURCE: Uch. zap. kafedr fiz. -matem. fak. Orlovsk. gos. ped. in-t.
v. 24, no. 3, 1964, 147-150

TOPIC TAGS: ultrasonic machining, ultrasonic treatment, perhydrol, ceramic material

ABSTRACT: The results of investigation show that the efficiency of ultrasonic treatment of materials increases in perhydrol. Thus, the rate of machining glass in perhydrol, beginning at a depth of 2 mm, is twice as great as in water. The treatment of ceramics is twice as rapid and the T15K6 solid alloy approximately 2 1/2 times as rapid in perhydrol as in water. It is assumed that the rate of treatment of material in perhydrol depends on the lower saturated vapor pressure of perhydrol compared with water. L. Tikhonova. Orig. art. has: 2 figures and 2 tables. Bibliography of 2 titles. [Translation of abstract] [NT]

Card 1/1 of SIB CODE: 121

UIC: 621.789.2

MASL, K.

Development of the Czechoslovak production of aluminum.

P. 345 (Hutník, Vol. 7; no. 10, Oct. 1957, Praha, Czechoslovakia)

Monthly Index of East European Accessions (EEAI) LC. Vol. 7, no. 2,
February 1958

MASL, K.
PICH, O.

"Manufacture of Al_2O_3 in the combined step-by-step process."

HUTNICKE LISTY. Brno, Czechoslovakia, Vol. 11, March 1959.

Monthly List of East European Accessions (EEAI), LC, Vol. 8, No. 8, September 1959.
Unclas.

L 3117-66 EWP(t)/EWP(b) IJP(c) JD

ACCESSION NR: AP5026891

CZ/0034/65/000/006/0451/0451

AUTHOR: Klik, L. (Engineer); Masl, K. (Engineer)

21
5

TITLE: A method of keeping a non-solidified opening in the crust of the bath of molten electrolytes of aluminum 11

SOURCE: Hutnicka listy, no. 6, 1965, 451.

TOPIC TAGS: electrolyte, aluminum oxide

ABSTRACT: The article is an abstract of Czechoslovak Patent Application Class 40c 6/04, PV 2472-63, dated 2 May 63. The invention is based on the proposal of forcing a stream of hot electrolyte from the bottom section of the bath to the desired area. This keeps the place where aluminum oxide is fed to the bath liquid, and at the same time the mixing of the oxide with the bath contents and solution are facilitated. At the desired location a vertical shaft with a propeller is dropped into the bath, and fixed into the anode jacket in such a manner that the propeller would be located 5 to 10 cm below the surface of the bath. The propeller forces the mol-

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L 3117-66

ACCESSION NR: AP5026891

ten electrolyte upwards. A good way of driving the shaft is to use compressed air passing through the shaft, thereby providing it with cooling. A crust of solidified electrolyte is thus formed on the shaft, which is protected in this manner from excess heating. No references.

ASSOCIATION: none

SUBMITTED: 02May63

ENCL: 00

SUB CODE: MM

NR REF SOV: 000

OTHER: 000

JPRS

PC
Card 2/2

FAHRICH, Frantisek; MASL, Karel

Semiautomatic drilling machine for deep holes. Stroj vyr 10
no.7:366-367 '62.

1. Ceskomoravska-Kolben-Danek Praha, n.p., zavod Sokolovo.

MASL, Karel

Use of an automatic computer for designing form cutters. Stroj
vyr 12 no.11:824-825 '64.

1. Ceskomoravska-Kolben-Danek National Enterprise, Branch Sokolovo.