"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001447130019-1

SAPUNAR, K.

Furan compounds. VII Two-stage hydrogenation of furfurylidene ketones. Markusova, K. Sapunar and A. A. [illegible] Sarafov. 444

APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001447130019-1"

"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001447130019-1

APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001447130019-1"

"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001447130019-1

SANDU-VILLE, C.; HATMANU, M.; SAPUNARU, T.; RUSANOVSCHI, V.

Contributions to the study on the resistance of an assortment of species, progenies, and hybrids of corn in the presence of the main diseases during the period 1958-1962 in Moldavia. Studii biol agr Iasi 14 no.2:391-402 '63.

APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001447130019-1"

"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001447130019-1

MANOLACHE, Florica; NICA, Felicia; SAPUNARU, T.

Studies on the biology, ecology, and fight against the caraboid beetles, Zabrus tenebrioides Goeze. Studii cerc biol anim 15 no.1:95-122 '63.

APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001447130019-1"

"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001447130019-1

SANDU-VILLE, C.; SEREA, C.; SAPUNARU, T.; HATMANU, M.; LAZAR, Al.

Sensitivity of a variety of fall grain to the infection from flying smut. Studii biol agr Iasi 14 no.2:379-389 '63.

APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001447130019-1"

"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001447130019-1

SAPUNDZHIEV, A

H

COUNTRY : BULGARIA
CATEGORY : Chemical Technology. Chemical Products and Their Uses. Part 3. Food Industry
ABS. JOUR. : RZKhim., No. 1 1960, No. 2884

AUTHOR : Sapundzhiev, A.
INST. : -
TITLE : New System of a Tunnel Refrigerator for Freezing Meat and Other Products

ORIG. PUB. : Khranit. prom-st, 1958, 7, No 9, 21-22

ABSTRACT : An account is given of the processes taking place in meat upon refrigeration under conditions of different temperatures in chambers and tunnel refrigerators. A scheme is given and the work is described of the tunnel of a new system for continuous refrigeration of meat at a temperature of -36°, proposed by the author; a pig carcass is frozen in it within 8 hours. The output of the tunnel refrigerator is 10 tons in 8 hours.-- A. Marin

CARD: 1/1

H-147

APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001447130019-1"

"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001447130019-1

Sapundzhiev, A.

Country : Bulgaria

Category :

H-28

Abs. Jour. :

47684

Author : Sapundzhiev, A.

Institut. :

Title : Air-Conditioned Drier for Dried and Raw-Smoked Sausages

Orig Pub. : Khranit. prom-st, 1958, 7, No 12, 15-19

Abstract : Calculation of the process of drying of sausages and of capacity of the units; diagrams of automatic control of the air-conditioning units.

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"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001447130019-1

H.

BULGARIA/Chemical Technology - Chemical Products and Their Application - Fermentation Industry.

Abs Jour : Ref Zhur - Khimiya, No 9, 1958, 30498

Author : Sapundzhiev, T.A.

Inst :

Title : Bulgarian Experience With the Introduction of New Techniques in the Production of Domestic Vermouth.

Orig Pub : Lozarstvo i Vinarstvo, 6, No 5, 56-61, 1957.

Abstract : The technology used in the production of Bulgarian vermouth since 1952 is described. Up to 21 herbs are used in the infusion. The vermouth is made of vermouth herb extract, rectified 95-96° alcohol, aged white wine with developed fragrance, crystalline sugar free of ultramarine (150 gms/liter), and a solution of caramelized sugar in water. A so-called vermouth base (Vermuth-grundwein) can also be used and is usually a dessert

Card 1/2

17

APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001447130019-1"

"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001447130019-1

BULGARIA/Chemical Technology - Chemical Products and Their Application - Fermentation Industry. H.

Abs Jour : Ref Zhur - Khimiya, No 9, 1958, 30498

wine obtained by fortifying at 15-16% sugar content and aging in the sun for 2-3 years. The finished vermouth is kept in kegs for 3-6 months.

Card 2/2

APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001447130019-1"

"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001447130019-1

H

BULGARIA/Chemical Technology. Chemical Products and Their Application, Part 3. - Fermentation Industry.

Abs Jour: Referat. Zhurnal Khimiya, No 21, 1958, 72222.

Author : Todor A. Sapudzhiev.
Inst :
Title : Our Newest Sweet Alcoholic Liquors.

Orig Pub: Lozarstvo i vinarstvo, 1957, 6, No 6, 37-40.

Abstract: The technology of the production of three sweet alcohol liquors is described. The medicinal brandy "Pirin" 40° strong (80 proof) is prepared by blending rectified alcohol, sugar (5%), caramel (0.1%) and alcohol extract of Pirin tea. After the blending a rest is necessary in order that the extractive substances could precipitate and the flavor and taste should improve. The

Card : 1/2

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"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001447130019-1

BULGARIA / Chemical Technology. Fermentation Industry. H-27

Abs Jour: Ref Zhur-Khimiya, No 23, 1958, 79298.

Author : Sapundzhiev, T. A.
Inst : Not given.
Title : The New Technology of Pirin Brandy.

Orig Pub: Lozarstvo i vinarstvo, 1958, 7. No 2, 46-48.

Abstract: For the preparation of a sweet alcohol drink — Pirin brandy, it is suggested to substitute the extraction with alcohol by a steam distillation in the presence of Pirin tea (Sideritis scardica Griesb. family Labiatae), which contains from 0.10-0.12% of essential oils. The distillate thus obtained is added to the brandy in an amount of 6.5%.

Card 1/1

APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001447130019-1"

"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001447130019-1

COUNTRY : Bulgaria H-27
CATEGORY :

ABS. JOUR. : RZKhim., No. 1959, No. 88169

AUTHOR : Sapundzhiyev, T. A.
INST. :
TITLE : Natural Liqueurs -- A Way of Diversifying and Widening the Range of Alcoholic Beverages
ORIG. PUB. : Lozarstvo i vinarstvo, 1959, 8, No 1, 43-46

ABSTRACT : Description of plants the fruit of which can be used in Bulgaria to make natural liqueurs, including cherry, raspberry, blackberry, strawberry, apricot, peach, quince, plum, black and red currant, foxberry, hip-bearing rose, and melon. -- I. Skurikhin

CARD:

242

APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001447130019-1"

"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001447130019-1

SAPUNDZHIEV, G. D., inzh.

Universal decimal classification. Tekhnika Bulg 12 no. 9: 32-33 '63.

APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001447130019-1"

"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001447130019-1

SAPUNDZHIEV, N.

Fractures of the ankle joint. Khirurgiia, Sofia 11 no.5-6:497-499 1958.

1. Iz Instituta za burza meditsinska pomoshch N. I. Pirogov--Sofiia.
(ANKLE, fractures,
surg. (Bul))

APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001447130019-1"

"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001447130019-1

KOLEV, K., inzh.; MINKOV, M., inzh.; SAPUNDZHIEV, V.

How we reconstructed the 50-ton open-hearth gas furnace of the Lenin Metallurgic Plant into a mazut-fueled one. Min delo 17 no.9:34-37 S '62.

1. Metalurgicheski zavod "Lenin".

APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001447130019-1"

"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001447130019-1

DIMOV, K.; BOIADZHIEV, Khr.; SAPUNDZHIEVA, B.

Spectrophotometric method of determining prescriptions for the dyeing of models with indigosol dyes. Godishnik khim tekh 9 no.2:75-86 '62 [publ. '63].

APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001447130019-1"

"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001447130019-1

Sapunenko, K.I.

SAPRYKIN, L.D., inzhener; SAPUNENKO, K.I., inzhener.

[redacted]

Constructing tunnels with precast reinforced concrete linings. Transp. stroi. 7 no.3:13-16 Mr '57. (MIRA 10:6)
(Tunneling) (Precast concrete)

APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001447130019-1"

"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001447130019-1

SAPUNENKO, K.I., inzh.

Underground construction of precast reinforced concrete linings of subway stations. Transp.stroi. 9 no.8:30-32 Ag '59. (MIRA 13:1)
(Precast concrete construction) (Subways)

APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001447130019-1"

"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001447130019-1

SAPRYKIN, L.D.; SAPUNENKO, K.I., inzh.

The third subway in the U.S.S.R. Transp. stroi. 10 no.11:4-7 N '60. (MIRA 13:11)

1. Nachal'nik Kiyevmetrostroya, chlen-korrespondent Akademii stroitel'stva i arkhitektury USSR (for Saprykin). 2. Nachal'nik tekhnicheskogo otdela Kiyevmetrostroya (for Sapunenko).
(Kiev--Subways)

APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001447130019-1"

"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001447130019-1

ACC NR: AP6010853 SOURCE CODE: UR/0421/66/000/001/0137/0139

AUTHOR: Sapunkov, Ya. G. (Saratov)

ORG: none

14
B

TITLE: Hypersonic flow past conic bodies

SOURCE: AN SSSR. Izvestiya. Mekhanika zhidkosti i gaza, no. 1, 1966, 137-139

TOPIC TAGS: hypervelocity aerodynamics, inviscid flow, successive method, approximation method, streamline flow, shock wave, conic body, hypersonic flow, gas flow

ABSTRACT: The problem of determining the velocity field near the surface of a cone in hypersonic flows of an imperfect, inviscid gas is considered. A method of successive approximations based on the Poincare-Lighthill-Kuo method is applied here for investigating hypersonic, equilibrium gas flows past an arbitrary conical body, to the equations of momentum, continuity, and energy. The behavior of streamlines on the surface of the cone is obtained from the continuity equation under certain boundary conditions. A zero approximation is obtained which is valid in the whole flow region, including the region behind the shock wave and "vortex layer." The author thanks B. M. Bulakh for discussing the work. Orig. art. has: 1 figure and 5 formulas. [AB]

SUB CODE: 20/ SUBM DATE: 06Feb64/ ORIG REF: 003/ OTH REF: 001

Card 1/1 dda

APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001447130019-1"

"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001447130019-1

SAPUNKOV, Ya.G. (Saratov)

Hypersonic flow past a circular cone at the angle of attack. Prikl. mat. i mekh. 27 no.1:190-192 Ja-F '63. (MIRA 16:11)

APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001447130019-1"

"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001447130019-1

ACCESSION NR: AP4015980 S/0040/63/027/005/0930/0939

AUTHOR: Sapunkov, Ya. G. (Saratov)

TITLE: Circular cone under angle of attack in hypersonic gas flow

SOURCE: Prikl. matem. i mekhan., v. 27, no. 5, 1963, 930-939

TOPIC TAGS: circular cone, attack angle, hypersonic gas flow, Poincare Lighthill Go method, successive approximations, uniform convergence, shock wave, vortex layer, logarithmic singularity, angle attack

ABSTRACT: The author treats the problem of hypersonic flow around a cone at an arbitrary angle of attack by the method of Poincaré-Lighthill-Go. This successive approximation technique converges uniformly everywhere between the surface of the shock wave and the surface of the cone to yield a legitimate solution there. This method disposes of the logarithmic singularities at the surface of the cone which have appeared in certain other works. The author shows that outside the vortex layer his solution passes to the solution of A. L. Gonor (Obtekaniye konicheskikh tel pri dvizhenii gaza s bol'shoy sverkhzvukovoy skorost'yu. Izv. AN SSSR, OTN, Mekhanika i mashinostroyeniye, 1959, No. 1). Results are compared with other

Card 1/2

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"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001447130019-1

ACCESSION NR: AP4015980

work (Cheng, H. K.; Melnik, R. E. and Sheuing, R. A.). "The author thanks B. M. Bulakh for formulating the problem and discussing the results." Orig. art. has: 41 formulas and 1 diagram.

ASSOCIATION: none

SUBMITTED: 08Jun63 DATE ACQ: 21Nov63 ENCL: 00

SUB CODE: AI, MM NO REF SOV: 004 OTHER: 003

Card 2/2

APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001447130019-1"

"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001447130019-1

L 9869-66 EWT(d)/EWT(1)/EWP(m)/EWT(m)/EWP(w)/EWA(d)/EWP(v)/T/EWP(k)/FCS(k)/EWP(1)

ACC NR: AT6001790 EWA(h)/ETC(m)/EWA(1) SOURCE CODE: UR/0000/64/000/000/0164/0177

55 44 IJP(c) WW/EM/GS

AUTHOR: Sapunkov, Ya. G.

ORG: none

TITLE: Hypersonic flow past a circular cone at an angle of attack

SOURCE: Transzvukovyye techeniya gaza (Transonic gas flows); sbornik statey. Saratov, Izd-vo Saratovskogo univ., 1964, 164-177

TOPIC TAGS: hypersonic aerodynamics, hypersonic flow, small parameter, ~~method~~, successive approximation, ~~method~~, shock wave, vortex flow, flow analysis

ABSTRACT: A hypersonic, homogeneous gas flow past a circular cone at an angle of attack α in a spherical coordinate system is considered. A method of successive approximations is developed which yields uniform approximations to the exact solution over the entire region between the shock-wave surface and the cone including the "vortex layer." This method consists in the introduction of a particular coordinate system for solving the entropy equation which makes it possible to exclude the logarithmic singularities obtained by using the small parameter method. A solution is obtained with accuracy to the infinitesimal second-order terms. Numerical computations were made for $M_\infty = 9.4$, $\alpha = 17°$; semiapex angle 45°, $\gamma = 1.4$, and compared with the results of Cheng and with the author's previous results obtained by a method of expansion in powers of a small parameter. The author thanks B. M. Bulak

Card 1/2

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"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001447130019-1

L 9869-66

ACC NR: AT6001790

for formulating the problem and discussing the results. Orig. art. has: 1 figure and 50 formulas. [AB]

SUB CODE: 20 SUBM DATE: 21Jul64/ ORIG REF: 001/ OTH REF: 001/ ATD PRESS: 4165

Card 2/2

APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001447130019-1"

"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001447130019-1

SAPUNKOV, Ya.G. (Saratov)

Hypersonic equilibrium gas flow about a circular cone at the angle of attack. Izv. AN SSSR Mekh. i mashinostr. no.4: 4-8 Jl-Ag '64 (MIRA 17:8)

APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001447130019-1"

"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001447130019-1

SAPUNOV, A.A.

Experimental lining of horizontal opening with steel and plastic concrete supports. Trudy TSNIIPodzemshakhstroia no.2:150-157 '63. (MIRA 17:5)

APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001447130019-1"

"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001447130019-1

SAPUNOV, B. N.

SAPUNOV, B. N.: "The forensic-medical investigation and certain criteria in the expertise of non-fatal concealed injuries to the ribs." Second Moscow State Medical Inst imeni I. V. Stalin. Moscow, 1956. (Dissertation for the Degree of Candidate in Medical Science.)

So: Knizhnaya letopis', No. 37, 1956. Moscow.

APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001447130019-1"

"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001447130019-1

PANFILENKO, O.A.; SAPUNOV, B.N.

Some defects in documentation by medicolegal expert boards. Sud.-med. ekspert. 5 no.1:27-29 Ja-Mr '62. (MIRA 15:4)

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

APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001447130019-1"

"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001447130019-1

SAPUNOV, G.I.

Automobile blocking of disintegrators and blowers. Ogneupory 25 no.11:500 '60. (MIRA 13:12)

1. Panteleymonovskiy ogneupornyy zavod im. K.Marksa.
(Gas producers)

APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001447130019-1"

"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001447130019-1

SAPUNOV, G.I.

Device for timing the performance and recoding the number of cars being pushed through the kiln conduit. Ogneupory 26 no. 2:91-93 '61. (MIRA 14:2)

1. Panteleymonovskiy ogneupornyy zavod im. K. Marksa.
(Automatic timers) (Kilns)

APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001447130019-1"

"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001447130019-1

SAPUNOV, G.I.

Cut-off device for a PK safety stop valve. Gaz. prom. 7 no.8:29 '62. (MIRA 17:10)

APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001447130019-1"

"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001447130019-1

SAPUNOV, G.I.; SEMIK, V.V.; ROYAK, L.F.

Automatic photoelectronic scales. Ogneupory 28 no.11:495-497 '63. (MIRA 16:12)

1. Panteleymonovskiy ogneupornyy zavod im. K. Marksa.

APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001447130019-1"

"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001447130019-1

IVANOVSKIY, G.F.; GERSHTEYN, I.A.; SAPUNOV, G.S.; BAIMBETOV, A.M.

Continuous-action unit for the production of a demulsifier. Nefteper. i neftekhim. no.5:5-6 '64. (MIRA 17:8)

1. Novo-Ufimskiy neftepererabatyvayushchiy zavod.

APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001447130019-1"

"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001447130019-1

SAPUNOV, I.; NACHEV, I.

Stratigraphy of the Jurassic system in the southern part of the Western Balkan Mountains. p. 225

Bulgarska akademiia na naukite. Geologicheski institut. IZVESTIIA. Sofia, Bulgaria, Vol. 7, 1959.

Monthly List of East European Accessions (EEAI), LC, Vol. 8, No. 12, December 1959
Uncl.

APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001447130019-1"

"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001447130019-1

SAPUNOV, I.

"Stratigraphy and tectonics of the part of the Eastern Balkan Mountains between the Dryanovo River and the Veselina River."

p.139 (Izvestiia, Vol. 5, 1957, Sofiia, Bulgaria)

Monthly Index of East European Accessions (EEAI) LC, Vol. 7, No. 8, August 1958

APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001447130019-1"

"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001447130019-1

NACHEV, Iv.; SAPUNOV, I.; STEFANOV, IU.

Stratigraphy and lithology of the Jurassic between villages Gorno Ozirovo and Prevala, Northwestern Bulgaria. Trudove vurkhu geol strat 5:99-146 '63.

APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001447130019-1"

"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001447130019-1

BOGDANOVA, Anna Aleksandrovna; DOROSHKEVICH, Nina Orestovna; ZLOCHEVSKAYA, Khioniya Yefimovna; SAPUNOV, O.K., red.; TIKHONOVA, Ye.A., tekhn. red.

[English language for marine electricians] Angliiskii iazyk dlia sudovykh elektromekhanikov. Moskva, Izd-vo "Morskoi transport," 1962. 167 p. (MIRA 16:4)

(Electricity on ships)
(English language--Technical english)

APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001447130019-1"

"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001447130019-1

SAPUNOV, P.

Double lever for making girders of reinforced concrete. p. 43

STROITELSTVO. Vol. 1, No. 4/5, 1954

Sofiia, Bulgaria

So. East European Accessions List Vol. 5, No. 9 September, 1956

APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001447130019-1"

"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001447130019-1

SAPUNOV, P.; ZIATANOVIC, J.

Silex from Crni Vrh, Macedonia. p. 1527.
(Tehnika, Vol. 11, no. 10, 1956. Beograd, Yugoslavia)

SO: Monthly List of East European Accessions. (EEAL) LC. Vol. 6, No. 7, July 1957. Uncl.

APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001447130019-1"

"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001447130019-1

SAPUNOV, Petr Yegorovich, zven'yevoy, Geroy Sotsialisticheskogo Truda. Prinimali uchastiye: FEDIN, M.A.; SALOMAKHIN, I.I.; SAFRONOV, V.V.; SHELEMENTSEV, I.T. CHELYSHKIN, Yu.G., red.; SERGEYEV, V.I., red.; SOKOLOVA, N.N., tekhn.red.

[Sixty-two centners of corn per hectare] 62 tsentnera zerna kukuruzy s gektara. Moskva, Izd-vo sel'khoz.lit-ry, zhurnalov i plakatov, 1962. 77 p. (MIRA 15:4)

1. Kolkhoz "Krasnoye znamya" Dmitrovskogo rayona Orlovskoy oblasti (for Sapunov).
(Dmitrov District—Corn (Maize))

APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001447130019-1"

"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001447130019-1

SIVAY, Aleksey Vladimirovich. Prinimali uchastiye: SAPUNOV, S.I., inzh.; SEMENOVA, R.V., inzh.; GOLOVNYAK, L.F., red.; KHOKHANOVSKAYA, T.I., tekhn. red.

[Technological principles of the production and working of metals] Tekhnologicheskie osnovy proizvodstva i obrabotki metallov. Kiev, Izd-vo Kievskogo univ., 1961. 251 p. (MIRA 14:12)
(Metallurgy) (Metalwork)

APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001447130019-1"

"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001447130019-1

SAPUNOV, V., mladshiy serzhant

Reliable communication. Starsh.-serzh. no.10:14 O '61.
(MIRA 15:2)

(Radio, Military)

APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001447130019-1"

"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001447130019-1

1. SAPUNOV, V. A.

2. USSR (600)

4. Carotinoids

7. Dynamics of the carotinoids in the blood of horses, V. A. Sapunov, Konevodstvo 23 no. 4 '53.

9. Monthly List of Russian Accessions, Library of Congress, APRIL 1953, Uncl.

APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001447130019-1"

"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001447130019-1

SAPUNOV, Vasiliy Andreyevich

[Ensilage of corn and other feeds] Silasavanne kukuruzy i inshykh karmou. Minsk, Dziarzh. vyd-va BSSR, 1957. (MIRA 10:12)
(Ensilage)

APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001447130019-1"

"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001447130019-1

SAPUNOV, Vasiliy Andreyevich; FEDUNYAK, Irina Il'inichna; RABINOVICH, A., red.; KALECHITS, G., tekhn.red.

[Methods of feed evaluation, and zootechnical analysis] Metody otsenki kormov i zootekhnicheskii analiz. Minsk, Gos.izd-vo BSSR, Red. sel'khoz.lit-ry, 1958. 194 p. (MIRA 12:4)
(Feeding and feeding stuffs--Analysis) (Veterinary physiology)
(Physiological chemistry--Laboratory manuals)

APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001447130019-1"

"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001447130019-1

SAPUNOV, V.A.

Acid tar of the crude benzol rectification section. Koks i khim. no. 5:42-43 '61. (MIRA 14:4)

1. Makeyevskiy koksokhimicheskiy zavod.
(Makeevka—Benzene) (Coal tar)

APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001447130019-1"

"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001447130019-1

SAPUNOV, Vasiliy Andreyevich; DOMASHEVICH, O., red.

[New type of feeding for farm animals] Novyi tip kormleniia sel'skokhoziaistvennykh zhivotnykh. Minsk, Gos.izd-vo sel'khoz.lit-ry BSSR, 1963. 106 p. (MIRA 18:3)

APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001447130019-1"

"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001447130019-1

SMIRNOVA, T. V.; SAPUNOV, V. N.

Synthesis of some N-derivatives of 2,3-dihydroxypropylamine. Zhur. VKHO 8 no.2:235-237 '63. (MIRA 16:4)

1. Moskovskiy khimiko-tekhnologicheskiy institut imeni D. I. Mendeleyeva.

(Propylamine)

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L 40383-66 FBD/EWT(1)/EEC(k)-2/T/EWP(k) IJP(c) WG

ACC NR: AP6026979 SOURCE CODE: UR/0051/66/021/002/0243/0244

AUTHOR: Leonov, R. K.; Sapunov, Yu. M.; Protsenko, Ye. D.

ORG: none

47
B

TITLE: Certain results of an investigation of a pulsed argon laser 25

SOURCE: Optika i spektroskopiya, v. 21, no. 2, 1966, 243-244

TOPIC TAGS: gas laser, argon laser

ABSTRACT: Pulsed generation of an argon laser was investigated experimentally. The experimental setup consisted of an external, almost confocal system of spherical interference mirrors and glass tubes ~1.8 m long and 5.7 and 10 mm in diameter with Brewster angle windows and a heater cathode. Current pulses through the tubes were generated by the discharge of a condenser fed by a rectifier up to 10—50 kv. In the 10^{-1}—7×10^{-3} mm Hg pressure range generation of Ar II occurred in the blue-green spectral region at eight lines: 4097, 4631, 4765, 4880, 4965, 5145, 5610, and 5620 Å. Generation at 5610 and 5620 Å was observed for the first time and occurred at pressures from 2×10^{-2} to 8×10^{-3} mm Hg and voltages of 30 kv and up. The temporal dependence of current pulses and generation on the gas pressure, laser discharge tube diameter, and capacitance was investigated and discussed in detail. Orig. art. has: 1 figure. [YK]

SUB CODE: 20/ SUBM DATE: 18Oct65/ ORIG REF: 001/ OTH REF: 004/ ATD PRESS: 5053

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APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001447130019-1"

"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001447130019-1

SAPUNOVA, D.V.

Displacement of base tripods. Geod.i kart. no.6:29-31 Ag '56.
(MLRA 9:11)

(Surveying)

APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001447130019-1"

"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001447130019-1

SAPUNOVA, D.V. Cand Tech Sci -- (diss) "Study of ~~the~~ errors of base ~~basic~~ measurements." Mos,1957. 16 pp 21 cm. (Min of Higher Education USSR. Mos Inst of Engineers of Geodesy, Aerial Photography and Cartography). 100 copies. (KL, 23-57, 113)

APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001447130019-1"

"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001447130019-1

SAPUNOVA, D.V.

Scale graduation errors on invar wires. Geod.i kart no.2:30-33 F '57. (MLRA 10:5)

(Invar) (Surveying--Instruments)

APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001447130019-1"

"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001447130019-1

SAPUNOVA, D.V.

Studying the influence of temperature aftereffects on the length of invar wires. Trudy TSNIIGAIK no.114:3-15 '57. (MIRA 11:3)
(Iron-nickel alloys) (Expansion of solids)

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"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001447130019-1

3 (4)

SOV/6-59-11-5/21

AUTHOR: Sapunova, D. V., Candidate of Technical Sciences

TITLE: On the Stability of the Rod 541

PERIODICAL: Geodeziya i kartografiya, 1959, Nr 11, pp 15-16 (USSR)

ABSTRACT: The invar rod Nr 541, which is 3 m long, has been used for more than 30 years as a standard for invar wires in measurements of triangulation bases of 1st and 2nd order. At intervals since 1926 the rod is compared with the main standard, platinum rod H_{15}. The platinum rod is the property of the Vsesoyuznyy nauchno-issledovatel'skiy institut metrologii im. Mendeleyeva (All-Union Scientific Research Institute of Metrology imeni Mendeleyev). Its length was determined by comparison with the main standard of the USSR, meter Nr 28 (or with its duplicate meter Nr 11). The rods were compared on a 4-m long comparator in water at almost +20°. A table contains the measuring data of the rod Nr 541 from 1926 to 1958. According to the statement of V. A. Barinov the deviation found when comparing the H_{15}-rod with meter Nr 28 is $\pm$ 0.5μ. The deviation found when comparing the rod Nr 541 with the

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On the Stability of the Rod 541

SOV/6-59-11-5/21

H_{15}-rod is $\pm$ 0.1μ. Accordingly the accuracy of calibration is $\pm$ 0.6μ. During the last 12 years the length of the rod did not vary appreciably. There is 1 table.

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"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001447130019-1

SAPUNOVA, D.V.

New method of determining the thermal coefficients of invar wires. Geod. i kart. no.7:22-24 Jl '63. (MIRA 16:8)
(Wire--Thermal properties)

APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001447130019-1"

"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001447130019-1

SAPUNOVA, D.V.

Stability of the heat coefficients of Invar tapes. Geod. i kart. no.7:23-25 Jl '64. (MIRA 17:12)

APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001447130019-1"

"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001447130019-1

NOVOZHILOV, M.G., doktor tekhn. nauk; DRUKOVANYY, M.F., kand. tekhn. nauk; VEREM'YEVA, V.Ye.; SAPUNOVA, I.A.

Efficiency of three-stage crushing at Krivoy Rog mining and ore dressing combines. Met. i gornorud. prom. no.5:47-49 S-O '64. (MIRA 18:7)

APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001447130019-1"

"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001447130019-1

NOVOZHILOV, M.G., prof., doktor tekhn.nauk; DRUKOVANYY, M.F., kand.tekhn.nauk; VEREM'YEVA, V.Ye., inzh.; SAPUNOVA, I.A., inzh.

Ways of improving the cost of crushing Krivoy Rog Basin ore. Gor.zhur. no.1:20-23 Ja '65. (MIRA 18:3)

1. Filial instituta mekhaniki AN UkrSSR, Dnepropetrovsk.

APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001447130019-1"

"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001447130019-1

NIKONOV, G.K.; SAPUNOVA, L.A.

Quantitative determination of anthraglycosides in the dry extract of Rubia tincotorum. Med. prom. 14 no. 10:38-40 O '60. (MIRA 13:10)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut lekarstvennykh i aromaticheskikh rasteniy.
(GLYCOSIDES) (MADDER)

APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001447130019-1"

"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001447130019-1

KUPTSIS, Anna Mikhaylovna; BASENKO, Margarita Anatol'yevna; SAPUNOVA, Tamara Alekseyevna; ISKRA, Ye.V., red.

[Protection of apparatus with paint and varnish coatings] Zashchita priborov lakokrasochnymi pokrytiiami. Leningrad, 1964. 22 p. (MIRA 17:11)

APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001447130019-1"

"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001447130019-1

TITENKOV, D.P., glavnyy vrach; LOSKUTOV, D.P., zamestitel' glavnogo vracha; VINOGRADOV, S.G., vrach; KIRBITSKAYA, A.V., vrach; KOSSAKOVSKAYA, A.T., vrach; PYL'TSOVA, A.M., vrach; SOLONOVICH, A.G., vrach; CHERNAYA, A.V., vrach; SAPUNOVA, Ye.A., medsestra.

Overcome shortcomings in hospital construction. Gor.khoz.Mosk. 27 no.11:4-5 N '53. (MLRA 6:11)

1. Moskovskaya 2-ya klinicheskaya infektsionnaya bol'nitsa.
(Moscow--Hospitals)

APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001447130019-1"

"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001447130019-1

TIKKOYEV, V.A.; SERDYUK, N.F.; SAPUTO, M.P.; GORISHNIY, Ya.I.; VOROB'YEV, V.F.; GUNDZILOVICH, A.A.; PRIVALOV, V.G.; MARIN, V.I.; LEVCHENKO, R.S.

The best in the profession. Put' i put.khoz. 6 no.12:4-9, 11, 16-17 '62. (MIRA 16:1)

1. Zamestitel' nachal'nika Petrozavodskoy distantsii puti Oktyabr'skoy dorogi (for Tikkoyev). 2. Nachal'nik Solvychegodskoy distantsii Severnoy dorogi (for Serdyuk). 3. Nachal'nik Shchorsskoy distantsii puti Yugo-Zapadnoy dorogi (for Saputo). 4. Nachal'nik Kotovskoy distantsii puti, Odesskoy dorogi (for Gorishniy). 5. Nachal'nik Sverdlovsk-Passazhirskoy distantsii puti Sverdlovskoy dorogi (for Vorob'yev). 6. Nachal'nik L'govskoy distantsii puti Moskovskoy dorogi (for Marin). 7. Zamestitel' nachal'nika Shar'inskoy distantsii Severnoy dorogi (for Levchenko).

(Railroads--Employees)

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"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001447130019-1

SAPUTRYAYEV, B.A.; SIL'VESTROVA, T. Ye.

Quantitative determination of benzohexomium with the cation exchange resin KU-1. Med. promyshl. SSSR 17 no.8:37-39 Ag'63 (MIRA 17:2)

1. Leningradskiy khimiko-farmatsevticheskiy institut.

APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001447130019-1"

"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001447130019-1

S/169/62/000/006/036/093
D228/D304

AUTHOR: Sapuzhak, Ya. S.

TITLE: Some questions of the theory of a three-pole set-up

PERIODICAL: Referativnyy zhurnal, Geofizika, no. 6, 1962, 31, abstract 6A234 (Nauchn. zap. L'vovsk. politekhn. in-t, no. 75, 1960, 10-16)

TEXT: One way of increasing the resolution capacity of the electric method of prospecting is to use the measurements of the highest derivatives of the electric field potential. Expressions are considered for the components of the field intensity of a three-pole supply station, situated at the surface of a homogeneous semispace. It is shown that the field intensity of a three-pole set-up, which diminishes inversely proportionally to the 4th power of the distance, can be expressed through the third derivative of the potential of a point source, and that the field on the set-up's axis is twice as intense as in its equatorial plane. /Abstracter's note: Complete translation./

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"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001447130019-1

SAPUZHAK, Ya.S.; SMOL'NIKOV, B.M.

Some features in the use of electric prospecting to study karsts in the Crimean Mountains. Geofiz. sbor. no.3:35-40 '62. (MIRA 15:9)

(Crimean Mountains—Karst) (Electric prospecting)

APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001447130019-1"

"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001447130019-1

SAPUZHAK, Ya.S.

Using multielectrode power supply devices in profiling where there is a vertical contact. Geofiz. sbor. no.3:41-48 '62. (MIRA 15:9)

(Electric prospecting—Equipment and supplies)

APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001447130019-1"

"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001447130019-1

S/169/63/000/001/053/062
D218/D307

AUTHOR: Sapuzhak, Ya.S.

TITLE: Transformation electrical-sounding curves

PERIODICAL: Referativnyy zhurnal, Geofizika, no.1, 1963, 28, abstract 1D153 (Nauchn. zap. L'vovsk, politekhn. in-t, 1962, no. 80, 125-128)

TEXT: It is noted that the ДЭЗ (DEZ) curves have a lower resolution than the КС (KS) curves obtained by means of three electrode axial (ρ_r^{III}) and four-electrode radial (ρ_r^{IV}) set-ups, which can be expressed in terms of KS dipole radial (ρ_r) and perpendicular (ρ_y) set-ups. It is pointed out that in type-H sections, the minimum values of ρ_r^{III} and ρ_r^{IV} should be better representations of the resistance of the conducting horizon and the mean longitudinal resistance ρ_l than the corresponding values of ρ_r (for the same $\nu_1 = h_2/h_1$). It is also noted that the ρ_r^{III} and ρ_r^{IV}

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curves may be helpful in the detection of electrical horizons which are not clearly defined on the usual sounding curves. It is recommended that the transformation of ρ_r into ρ^{III} and ρ_y into ρ_r^{IV} curves should be carried by means of the central five-point logarithmic formula of L.M. Al'pin. Nomograms facilitating calculations are given. Particular attention is paid to the KS curves obtained with the five-electrode potential apparatus (ρ_u^V) which are related to the apparent resistance $\bar{\rho}$ of the AMNB set up by

$$\rho_u^V = \bar{\rho} - r\frac{\partial\bar{\rho}}{\partial r}.$$

It is pointed out that in H-sections, ρ_u^V (min) may be less than ρ_ℓ, or even zero for an insulating base when $\frac{\partial \log \bar{\rho}}{\partial \log r} = 1$. Hence, further studies of this apparatus is desirable. [Abstracter's note: KC (KS) probably refers to resistance curves. Complete translation]

APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001447130019-1"

"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001447130019-1

SAPUZHAK, Ya.S.

Some results of experimental studies of multielectrode apparatus. Geofiz. sbor. no.4:61-65 '63. (MIRA 16:9)

1. L'vovskiy filial Instituta geofiziki AN UkrSSR.

APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001447130019-1"

"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001447130019-1

SAPUZHAK, Ya.S.

Use of gradients and second derivatives of the potential in the method of natural electric fields. Dop. AN URSR no.2:200-204 '64. (MIRA 17:5)

1. L'vovskiy filial Instituta geofiziki AN UkrSSR. Predstavleno akademikom AN UkrSSR S.I. Subbotinym.

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"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001447130019-1

SAPYGIN D.D.

report presented at the 1st All-Union Congress of Theoretical and Applied Mechanics, Moscow, 27 Jan - 3 Feb '60.

234. G. I. Pshenitsnov (Moscow): Large deflections of reinforced shallow cylindrical shells.

235. V. P. Rabinovich (Moscow), Yu. N. Rabotnov (Novosibirsk): Creep strength of turbine discs.

236. A. I. Rabotnikov (Odessa): Flow and consolidation of sands under the action of seepage forces.

237. Yu. N. Rabotnov (Novosibirsk): Creep.

238. R. M. Rappoport (Leningrad): Some problems in the theory of elasticity concerning the design of rock foundations.

239. R. M. Rappoport (Leningrad): Some difference equations of structural mechanics.

240. Mh. A. Rakhmatulin (Moscow): On the propagation of elasti-plastic waves in a half-space.

241. Mh. A. Rakhmatulin (Moscow): Propagation of disturbances in continuous media.

242. V. P. Raiuk (Sverdlovsk): Earth pressure on flexible retaining walls.

243. V. L. Rvatsev (Berdiansk): On the pressure of a punch on an elastic half-space.

244. P. A. Rebinder (Moscow): Types of high molecular and dispersed structures and their characteristic mechanical properties.

245. E. Reuss (Budapest): On the influence of the maximum principal stress on the fatigue strength.

246. V. G. Rekats (Moscow): The application of the method of homogeneous solutions to some two-dimensional problems of the theory of elasticity.

247. A. R. Rshanitsin (Moscow): Some three-dimensional problems of limit equilibrium in rigid, plastic solids.

248. M. I. Rozovskii (Dnepropetrovsk): On the application of the Volterra-Rabotnov principle to Arutiunian's creep theory of concrete.

249. M. I. Rozovskii (Dnepropetrovsk): Some problems of the integral operator theory of creep.

250. S. S. Rozovtsev (Leningrad): Design of wide-flange beams for bending and temperature effects.

251. D. D. Sapegin (Leningrad): The experimental study of the deformations of rock foundations.

252. G. M. Sapondzhian (Erevan): The determination of the deflections of a simply supported plate by the method of successive approximations.

253. V. S. Sapkizian (Erevan): Torsion of anisotropic prismatic bars of elongated cross section.

254. V. A. Sveklov (Kaliningrad): The impact of a double punch on a half plane.

255. I. V. Svirskii (Kazan): The use of similarity considerations for improving the convergence in the design of shells by successive approximations.

256. A. M. Senkov (Leningrad): Stability of cellular structures built on soft ground.

257. B. V. Cerebrianiy (Moscow): Bending of thin hinge-joined slabs supported by an elastic layer of finite thickness.

258. B. R. Seth (Kharagpur): Finite bending of plates into cylindrical shells.

259. A. P. Sinitsiy (Moscow): A beam on a two-layer half space beyond the elastic limit.

260. V. P. Sinidin (Leningrad): Some problems of creep and consolidation of saturated soils.

261. M. G. Slobodianskii (Moscow): Determination of the natural frequencies of plates of constant and variable thickness.

262. N. K. Smitko (Leningrad): Dynamic problems of the design of retaining walls and soil foundations under impact loads.

263. N. K. Smitko (Leningrad): Solution of some dynamic problems of stringer structures by the method of initial parameters.

264. V. V. Sokolovskii (Moscow): On some problems of the theory of plasticity and soil mechanics.

265. M. A. Sopomeshch (Petrozavodsk): On a class of solutions of boundary value problems in plasticity.

266. E. S. Sorokin (Moscow): The effect of internal friction on the stresses in beams and plates under impulsive loading.

267. N. I. Spiridonova (Sverdlovsk): Stresses in ellipsoidal shells subjected to internal pressure.

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"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001447130019-1

KAMENICKY, Jan, inz.; SARA, Bohumil

Indirect method of testing power semiconductor valves. El tech obžor 52 no.9:492-498 S '63.

1. Statni vyzkumny ustav silnoproude elektrotechniky.

APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001447130019-1"

"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001447130019-1

Z/003/61/000/008/001/003
A205/A126

AUTHOR: Šára, F. J.

TITLE: RTL 22 - a radio set we have been waiting for

PERIODICAL: Křídla vlasti, no. 8, 1961, 2 - 4

TEXT: The article deals with the new radio set RTL-22 developed at the Výzkumný ústav sdělovací techniky A. S. Popov (Research Institute for Telecommunication Engineering A. S. Popov) in Prague by a collective of 24 workers, of whom the following are named in the article: Engineer Oldřich Malý, Václav Pokorný, Václav Lanc, Vlastimil Hejzlar, Jaroslav Liška, Engineer František Koštál, and Vosecký. The first 4 prototypes of this radio set, produced by the Tesla (Electronic Equipment Plant) in Kolín, were completed in February 1960. After satisfactory tests it was decided to commence serial production of the RTL-22 radio set at the Tesla Plant in Kolín in the course of this year. The instrument, suitable for any type of aircraft, has the following characteristics: Transmitter and receiver unit operate on the 100 - 150 Mc band and can also be used as an interphone. Total weight is 15 kg. The set consists of two main units (A = Receiver and transmitter, B = Converter, interphone equipment and modulator). It measures 170 x 136 x 300 mm. The

Card 1/2

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"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001447130019-1

SAFA, J.

Aeronautic exhibition at Ricany. p. 261.

Vol. 2, no. 11, May 1953
KRIDLA VLASTI
Praha, Czechoslovakia

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

APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001447130019-1"

"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001447130019-1

SARA, J.

We have a cathedra in aeronautics. p. 127.
Our representatives in the 2d National Gliding Competition. p. 128.
KRIDLA VLASTI, Praha, No. 6, Mar. 1955.

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

APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001447130019-1"

"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001447130019-1

SARA, J.

Sara, J. Training radio operators in aeronautics. p. 147. KRIDLA VLASTI. Praha. no. 7, Apr. 1955.

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

APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001447130019-1"

"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001447130019-1

SARA, J.

Symbol of life. p.219.
KRIDLA VLASTE, Prague, No. 10, May 1955.

SO: Monthly List of East European Accessions, (EEAL), LC, Vol. 5, No. 6 June 1956, Uncl.

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"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001447130019-1

SARA, J.

Sara, J. Result of honest work: a new Czechoslovak engine, the Praga Doris B. p. 276. KRIDLA VLASTI. Praha. No. 12, June 1955.

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

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SARA, J. - Kridla Vlasti No. 13, June 1955

Night and day at Vrchlabi. p.290

SO: Monthly List of East European Accessions, (EEAL), LC, Vol. 4, No. 9, Sept. 1955, Uncl.

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SARA, J. - KRIDLA VLASTI No. 13, June 1955

Encounter. p.294.

SO: Monthly List of East European Accessions, (EEAL), LC, Vol. 4, No. 9, Sept. 1955, Uncl.

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SIRA, J.

Novak started; go ahead! p. 352.
(KRIDLA VLASTI, vol. 15, July 1955, Praha)

SO: Monthly List of East European Accession, (EEAL) LC, Vol. 4 No. 11, Nov. 1955, Uncl.

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SARA, J.

Close victory of Hungarians at the International Competition of Modelers.

p. 423
No. 18, Sept. 1955
KRIDLA VLASTI
Praha, Czechoslovakia

SO: Monthly List of East European Accessions, (EEAL), LC, Vol. 5, no. 2
February 1956, Uncl.

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SARA, J.; TESAR, V.

SARA, J.; TESAR, V. Effect of the concentration and composition of sodium hydroxide on the determination of alpha pulp and the losses caused by soaking in viscose. p. 223

Vol. 11, no. 10, Oct. 1956
PAPIR A CELULOSA
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Praha, Czechoslovakia

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

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"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001447130019-1

SARA, J.

A real man among fliers.

P. 647 (Kridla Vlasti, No. 21, Oct. 1957, Praha, Czechoslovakia)

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

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"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001447130019-1

SARA, J.

Airplane model makers.

P. 26. (KRIDLA VLASTI) (Praha, Czechoslovakia) No. 3, Feb. 1958

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

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E

Country : CZECHOSLOVAKIA
Category: Analytical Chemistry. Analysis of Inorganic Substances

Abs Jour: RZhKhim., No 17, 1959, No. 60501

Author : Sara, J.
Inst : -
Title : Polarographic Determination of Tin in the Presence of Dichromate

Orig Pub: Chem. prumysl, 1958, 8, No 12, 636-637

Abstract: Development of a polarographic method for the determination of total Sn content in the oxidizers, suitable also for the determination of Sn in the presence of Sb and As (after a preliminary oxidizing treatment of a solution subjected to polarographing). The analyzed acidic

Card : 1/2

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"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001447130019-1

SARA, J.

"An exhibition called Atoms for Peace, Atoms for War."

p. 7 (Kridla Vlasti, No. 11, May 1958, Praha, Czechoslovakia)

Monthly Index of East European Accessions (EEAI) LC, Vol. 7, No. 9, September 1958.

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"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001447130019-1

SARA, J.

"The air mechanics of Nitra."

p. 9 (Kridla Vlasti, No. 13, June 1958, Praha, Czechoslovakia)

Monthly Index of East European Accessions (EEAI) LC, Vol. 7, No. 9, September 1958.

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"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001447130019-1

30(7) CZECH/3-59-8-5/36

AUTHOR: Šára, J.F.

TITLE: It is Not Dark Under The Candle (Pod svícnem není tma)

PERIODICAL: Křídla Vlasti, 1959, Nr 8, p 4, col 2 and 3 (CSR)

ABSTRACT: Article deals with an informative meeting held by the Praha-City Regional Aeroclub. This meeting was one of many to be held throughout the ČSR in order to raise funds for the forthcoming CPZ (National Glider Championship). Speakers were: Mr. Navrátil, glider pilot Václav Mareček, and aircraft recognition specialist Dr. Karel Helmich. There are 2 photos.

Card 1/1

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"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001447130019-1

32(1) CZECH/3-59-9-5/39

AUTHOR: Šára, J.F.

TITLE: The Aviation of the Second Largest Country of the World (Letectví druhé největší země světa)

PERIODICAL: Křídla Vlasti, 1959, Nr 9, pp 3 and 4 (CSR)

ABSTRACT: The article deals with a trip to India taken by Zdeněk Hájek (ČSR Airlines employee). This is followed by a short description of India's sport aviation, aviation industry and air transportation. There are 7 photos and 1 map.

Card 1/1

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"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001447130019-1

30(7) CZECH/3-59-10-13/37

AUTHOR: Šára, J.F.

TITLE: Model Aircraft Builders Took-Off (Modeláři odstartovali)

PERIODICAL: Křídla Vlasti, 1959, Nr 10, upper half of p 10 (CSR)

ABSTRACT: This article deals with the flying model aircraft competition which took place in Hradec Králové on 15 March 1959. It also mentions the International Model Competition to be held in Leszno, Poland, between 28 May and 6 June. There is 1 photo.

Card 1/1

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"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001447130019-1

22 (3) CZECH/3-59-12-11/39

AUTHOR: Šára, J.F.

TITLE: Discussion with Beseda

PERIODICAL: Křídla Vlasti, 1959, Nr 12, p 8 (CSR)

ABSTRACT: Author gives an outline of the interview he had with Zdeněk Beseda, pilot of the Liberec Regional Aeroclub. The interview was centered about Beseda's preparation for the ČSR Aerobatic Championship. There are 2 photos.

Card 1/1

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22(3) CZECH/3-59-15-16/32

AUTHOR: Šára, J.F.

TITLE: The Elimination Contest in Ostrava - The ČSR Champion in Gottwaldov

PERIODICAL: Křídla Vlasti, 1959, Nr 15, pp 14-15 (CSR)

ABSTRACT: This article reports on the progress and results of an elimination contest in aerobatics for pilots from Bohemia and Moravia, which took place at the Ostrava-Hrabůvka Airfield on 20 and 21 Jun 59. Furthermore, the winners of the subsequent 1959 ČSR All-State Championships in Aerobatics held in Gottwaldov on 4 and 5 Jul 59 are listed. The following pilots took part in the Ostrava elimination contest: Jaromír Hůlka - Gottwaldov Aeroclub, Zdeněk Beseda - Liberec Aeroclub, Ladislav Bezák - Praha Aeroclub, Emil Polínek - Ostrava Aeroclub, Pšovský - Gottwaldov Aeroclub, Juraj Šouc, military pilot - Liberec Aeroclub, Jiřina Lockerová - Olomouc Aeroclub, Soch - Ostrava Aeroclub, Mezera - Jihlava Aeroclub, Petr -

Card 1/2

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CZECH/3-59-15-16/32

The Elimination Contest in Ostrava - The CSR Champion in Gottwaldov

Ostrava Aeroclub, Krenčová - Olomouc Aeroclub, and Kodejš - Ostrava Aeroclub. With the exception of Pšovský, the first 7 pilots named also participated in the 1959 ČSR All-State Championships at Gottwaldov. In addition to this group, the Slovaks Karol Harmoš, Anton Vallo, and Ota Dolejš, and the ČSR aircraft industry test pilots, Jiří Bláha and Leopold Brabec, entered the Championships. František Novák, a "Distinguished Sport Champion", Tikovský, and Kuna were the judges of the Ostrava elimination contest in which "Z-226" aircraft were used with the exception of one "Z-126" aircraft. There are 7 photos.

Card 2/2

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Z/003/62/000/003/001/002
D005/D102

AUTHOR: Šára, J. F.

TITLE: The RKL-301 - a reliable radiocompass

PERIODICAL: Křídla vlasti, no. 3, 1962, 76-77

TEXT: A design team headed by Engineer František Pokorný of the Výzkumný ústav pro sdělovací techniku A. S. Popova (A. S. Popov Communication Engineering Research Institute) in Prague-Braník developed an automatic radiocompass designated RKL-301. The first ten RKL-301s were produced at the institute and distributed for flight testing to the Výzkumný a zkušební letecký ústav (Aviation Research and Testing Institute) in Letňany and to the Strojírny první pětiletky (First Five-Year Plan Engineering Plant) in Kunovice. The RKL-301 has a frequency range of 190-1,800 kc in three bands. It consists of three packages, each 136 x 170 x 260 mm. Its loop antenna with a ferrite core is 280 mm in diameter and 135 mm high. Also, a testing device was developed which locates any defective component. The radiocompass is in quantity production at the Tesla Kolín. Some of the first RKL-301s were mounted into the L-200 Morava aircraft and tested in various regions of the USSR. It was

Card 1/2

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SARA, J.F. (Csehszlovakia)

Airplane types. Repules 17 no. 5:15 My '64.

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"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001447130019-1

ACC NR: AP6019815 SOURCE CODE: CZ/0086/66/000/004/0006/0007

AUTHOR: Šára, Jan F.

ORG: none

TITLE: Alarm clocks which do not wake you up [on navigational instruments for aircraft]

SOURCE: Letectvi-kosmonautika, no: 4, 1966, 6-7

TOPIC TAGS: navigation equipment, aircraft, industrial plant

ABSTRACT: The article deals with the development and production of navigational instruments for aircraft. These instruments are manufactured by "Mikrotechna" in Modrany, which is the principal manufacturer of flight-control and membrane instruments in Czechoslovakia. Flight instruments are either imported or are made "somewhere else in the Republic (for example in VZLU)", or at the development site at the request of the aircraft manufacturers. The construction plant recently built certain flight instruments for the L-29 and at present is testing instruments for the Z-37 "Cmelak". These instruments include an instrument which registers continuously the weight of a tank containing chemicals. Other instruments include a special recorder of the number of starts, altitude, and turns, and a rate-of-descent gauge. "Mikrotechna" is also engaged in other projects, some of which are still in the planning

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stage. Orig. art. has: 7 figures.

SUB CODE: 17,01/ SUBM DATE: none

Card 2/2

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