SHREYBER, G.K.; KAN, A.G.

Residual stresses in induction hardening of steel. Trudy MINKHiGP no.34:31-58 '61. (MIRA 14:12)
(Steel--Hardening)
(Thermal stresses)

GUS'KOV, M.D.; KAN, A.G.

Experimental investigation of the effect of vibrating loads on the wear of samples in friction against a solid abrasive. Izv. vysh. ucheb. zav.; neft' i gaz 6 no.3:109-112 '63.
(MIRA 16:7)

1. Moskovskiy institut neftekhimicheskoy i gazovoy promyshlennosti imeni akademika Gubkina.
(Machinery—Vibration)
(Abrasion)

CA

Spectrophotometry of biuret complexes as a method of study of proteins. IX. Spectrophotometric studies of biuret complexes of polypeptides and protein with nickel and cobalt. M. I. Plekhan and A. M. Kan (Moscow State Univ.). *Zhur. Obshchei Khim.* (J. Gen. Chem.) 20, 2105-10(1950); cf. *C.A.* 43, 6240f.—Biuret complexes of peptides (glycylglycine, chloroacetylglycylglycine, diglycylglycine, chloroacetyldiglycylglycine, triglycylglycine, tetraglycylglycine) with Ni form slower than with Cu; casein behaves similarly. Dipeptides give blue complexes, tripeptides orange, tetra- and penta-peptides give yellow, and casein gives orange complexes. The spectrum curves do not show maxima, except for dipeptide curve (max. about [illegible] mμ), but all show a min. at 640-60 mμ. The curves are reproduced. Ni complexes were formed from $Ni(NO_3)_2$ in dil. NaOH soln. with the amino acid deriv.; after filtration from $Ni(OH)_2$, the solns. were examd. spectrographically. Co complexes were prepd. with $Co(NO_3)_2$ as above. Casein Ni complex resembles those of tripeptides, rather than of longer chain polypeptides both in color and the shape of the absorption curve. The dipeptide curve differs from those of other peptides or casein possibly because the protein does not contain true dipeptide groups. Co complexes of peptides and casein are red-brown and differ only in the degree of absorption. Ni complex of biuret is yellow and has an absorption min. at 600 mμ, while that of Co is red-brown with max. absorption at 480 mμ. The intensity of absorption of Co complex of dipeptide is so much greater than that of Co complexes of free amino acids that it may be used for qual detection of dipeptides in mixts. with amino acids.

G. M. Kosolapoff

1951

KAN, A.M.

NL'KINA, E.I.; KAN, A.M.; YAKHONTOVA, L.F.

Recovery and prufication of antibiotics of the tetracycline series. Report No.1. Med.prom. 11 no.11:6-11 N '57. (MIRA 11:1)

1. Vsesoyuznyy nauchno-issledovatel'skiy instituta antibiotikov
(AUREOMYCIN) (TERRAMYCIN)

KAN, A.M.

MAMIOFE, S.M., SINITSYNA, Z.T., VEYS, R.A, KAN, A.M.

Effect of admixtures on the quality of streptomycin preparations; certain inorganic admixtures [with summary in English]. Antibiotiki 3 no.1:115-119 Ja-F'58 (MIRA 11:5)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut antibiotikov.
(STREPTOMYCIN,
admixtures, eff. on med. properties (Rus))

SAMSONOV, G.V., EL'KINA, E.I., EL'KIN, G.E., KAN, A.M. (Leningrad)

Studies on the process of sorption and purification of oxytetracycline with the aid of ion-exchange resins. [with summary in English]. Antibiotiki, 3 no.3:30-35 My-Je '58 (MIRA 11:7)

(OXYTETRACYCLINE, preparation of
sorption & purification with ion-exchange resins (Rus))
(ION EXCHANGE RESINS,
sorption & purification of oxytetracycline (Rus))

TRAKHTENBERG, D.M.; KAN, A.M.

Isolation of the antibiotic phytobacteriomycin by the ion-exchange method and studies on its properties. Antibiotiki 10 no.1:38-43 Ja '65. (MIRA 18:4)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut antibiotikov, Moskva.

CHUPAKHIN, Vasiliy Mikhaylovich; DORMENKO, Vladimir Vladimirovich; DRYAMOV, S.I., dotsent, retsenzent; NIKITIN, G.A., retsenzent; KAN, A.V., inzh., spetsred.; KOSSOVA, O.N., red.; SOKOLOVA, I.A., tekhn.red.

[Equipment of fish processing plants] Tekhnologicheskoe oborudovanie ryboobrabatyvaiushchikh zavodov. Moskva, Pishcheprom-izdat, 1960. 562 p. (MIRA 13:11)

1. Glavnyy konstruktor Giprorybproma (for Nikitin).
(Fish processing plants--Equipment and supplies)

KAN, A. V.

Kan, A. V. How to collect and save used motor-tractor oils Moskva Gostoptekhizdat, 1943.

13 p. (50-52973) TP687.K29

KAN, A.V.

Kan, A. V. Oil reclamation of tractor-motor lubricants Moskva Gostoptekhizdat, 1944.

31 p. (50-52974) TP687.K292

KAN, A. V.

Kan, A. V. Exhaustion and reclamation of mineral oils Moskva, Gos. nauch.-tekhn. izd-vo neftianoi i gorno-toplivnoi lit-ry, 1946.

213 p. (50-29864) TP687.K32

KAN, A. V.

with KOSYAKIN, P.P.

Kan, A. V. Oil reclamation in industries; organization and management Moskva, Gos. nauch.-tekhn. izd-vo neftianoi i gorno-toplivnoi lit-ry, 1948.

60 p. (50-29859) TP687.K3

MAYEVSKIY, Ivan Vasil'yevich, doktor ekonom.nauk; KAN, Aleksandr Viktorovich; GAZYAN, Georgiy Sameonovich; ALEKHIN, Leonid Grigor'yevich; KUZNETSOV, P.V., red.; PONOMAREVA, A.A., tekhn.red.

[Mechanization and automation form the basis for increasing labor productivity] Mekhanizatsiia i avtomatizatsiia - osnova rosta proizvoditel'nosti truda. Pod obshchei red. I.V.Maevskogo. Moskva, Gosplanizdat, 1960. 200 p. (MIRA 14:3)
(Industrial equipment--Technological innovations)
(Automation)

MILLER, Boris Nikolayevich; MUNTYAN, Vladimir Mikhaylovich; KAN, A.V., spets. red.; ITSKOVICH, V.A., red.; FOMALINA, Ye.A., tekhn.red.

[Mechanization of loading and unloading operations in the open sea] Mekhanizatsiia peregruzochnykh rabot v otkrytom more. Moskva, Nauchno-tekhn. ob-vo pishchevoi promyshl., 1961. 34 p. (MIRA 14:5)

(Fish processign plants)
(Loading and unloading--Equipment and supplies)

ZAYTSEV, Vikentiy Petrovich, kand. tekhn. nauk; ZHADAN, V.Z., kand. tekhn. nauk, retsenzent; KAN, A.V., inzh., retsenzent; MASLOVA, Ye.F., red.; EL'KINA, E.M., tekhn. red.

[Refrigeration engineering]Kholodil'naia tekhnika. Leningrad, Gos.izd-vo torg. lit-ry, 1962. 343 p. (MIRA 15:10)
(Refrigeration and refrigerating machinery)

ZAYTSEV, Vikentiy Petrovich, kand. tekhn. nauk, dots.; NITOCHKIN, Aleksandr Yefimovich, inzh.; POPYRIN, Ivan Andreyevich, inzh.; SURVILLO, Vladimir Lyudvigovich, doktor tekhn. nauk, prof.[deceased]; KAN, A.V., inzh., retsenzent; TERENT'YEV, G.B., kand. tekhn. nauk, retsenzent; KAZAROV, Yu.S., red.; YUDINTSEV, A.F., red.; CHISTYAKOVA, R.K., tekhn. red.; SHISHKOVA, L.M., tekhn. red.

[Refrigerator ships] Refrizheratornye suda. [By] V.P.Zaitsev i dr. Leningrad, Sudpromgiz, 1963. 523 p. (MIRA 16:6)
(Refrigerator ships)

PUSHKAREV, V.V.; BAGRETSOV, V.F.; PUZAKO, V.D.; Prinimal uchastiye:
KAN, A.V.

Separation of strontium-90 and yttrium-90 with the aid of gelatin foam. Radiokhimiia 6 no. 1:120-121 '64. (MIRA 17:6)

VAYNER, Aleksandr Aleksandrovich; REMORCV, Anatoliy Sergeyevich; KAN, A.V., spets. red.; MITINA, I.I., red.

[Experience in the mechanization and intensification of the freezing of small fish species] Opyt mekhanizatsii i intensifikatsii zamorazhivaniia melkikh porod ryb. Moskva, Rybnoe khoziaistvo, 1963. 37 p. (MIRA 17:9)

KOLTON, A.Yu., kand. tekhn. nauk; KAN, A.V., inzh.

Construction of a meridional flow with consideration of the blade constrainment. [Trudy] LMZ no.10:96-104 '64.
(MIRA 18:12)

L 39048-66 EWT(l)/EWT(m)/EWP(f)/T WW/DJ

ACC NR: AP6021720 (A,N) SOURCE CODE: UR/0229/66/000/005/0032/0033

AUTHOR: Kan, A. V.; Vasil'yev, V. K.

ORG: None

TITLE: Using rotary compressors in marine refrigeration units

SOURCE: Sudostroyeniye, no. 5, 1966, 32-33

TOPIC TAGS: marine equipment, refrigeration equipment, gas compressor, compressor rotor, ammonia

ABSTRACT: The authors describe rotary compressors made by the Swedish firm Stal for use in marine refrigeration plants. These compressors require little space and have a high motor capacity and broad control range. A diagram is given showing the compressor and its components. The rotary compressor consists of two basic parts: two spiral bladed rotors mounted in a single housing. The driving rotor has 4 blades and the driven rotor has 6. The blades interlock like gears during rotation. The clearance between the blades of both rotors does not exceed 0.1 mm. Sealing bands are provided along the edge of each blade. Rotation of the driven rotor is accomplished by syncronizing gears. Compressor operations can be divided into three phases: intake, compression and forcing. Gas enters the main housing through the intake and

Card 1/2

UDC: 621.665:621.57

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ACC NR: AP6021720

fills the nearest cavities between the blades during the rotation of the rotor. These filled cavities extend along the rotor to the forcing chamber during rotation. When the entire space between the blades is filled with gas the inlet is closed completing the intake phase. As rotation of the rotor continues the space filled with gas is reduced and gas pressure increases. Thus at a definite position of the rotor the compressed gas reaches the forcing section and then leaves the compressor casing. Oil injection is used both for sealing and for cooling the compressed gases. These compressors are now being used on trawlers at an operating speed of 2950 rpm. They are equipped with automatic controls for power regulation from 10 to 100%. These compressors can use freon 22, freon 12 and ammonia. So far, the function has been to act as booster compressors for ammonia. Oil has to be changed after 20,000 hours of operation and bearings after 40,000. Orig. art. has: 3 figures.

SUB CODE: 13/ SUBM DATE: none

Card 2/2 mlp

KAN, B. I.

Anodno-mekhanicheskaia chistovaia obrabotka [Anode-mechanical finishing operation]. Pod obshch. red. V. N. Guseva. Moskva, Mashgiz, 1952. 43 p.

SO: Monthly List of Russian Accessions. Vol. 6 No. 7 October 1953

KAN, B. I.

KAN B. I.

KUSMACHEV, I. G

25(1) PHASE I BOOK EXPLOITATION SOV/1404

Levinson, Ye. M., B. G. Gutkin, A. P. Dyatchenko, and Ye. I. Vladimirov

Poluchenlye polostey i otverstii v metalle elektroiskrovym sposobom (Electrospark Method of Cutting Cavities and Holes in Metals) Moscow, Mashgiz, 1952. 95 p. (Series: Bibliotechka elektrotekhnologa, No. 4) 6,000 copies printed.

Ed. (Title page): Gusev, V. N., Laureate of the Stalin Prize, Engineer; Ed. (Inside book): Popilov, L. Ya., Engineer; Tech. Ed.: Sokolova, L. V.; Managing Ed. for Literature on Machine Building Technology (Leningrad Division, Mashgiz): Nikitin, P. S., Engineer.

PURPOSE: This booklet is intended for technologists working in the field of electrical metalworking processes and for skilled workers.

COVERAGE: The booklet presents basic principles of the electrospark machining of holes and cavities in metals. Information on electrospark equipment is given and some examples of the applications of electrospark machining methods are presented. The following personalities were awarded Stalin prizes for their contributions to the development of electromachining methods; B. R. Lazarenko, N. I. Lazarenko, and V. N. Gusev. For the purpose of introducing and promoting electromachining methods, the Leningrad branch of Mashgiz (State Scientific

Card 1/3

Electrospark Method of Cutting Cavities (Cont.) SOV/1404

and Technical Publishing House of Literature on Machinery) on the recommendation of the Committee on electromachining of Lenitomash (Leningrad Branch of the Scientific, Engineering and Technical Society of Mechanical Engineers) undertook publication of the "Library for Electrotechnologists" which includes the following booklets: 1. Gusev, V.N. Anodic-mechanical Machining of Metals, 2. Levinson, Ye. M. Electrospark Machining of Metals 3. Kosmachev, I.G., P. S. Kryzhanovskiy, and F.D. Klimchenkov. Anodic-mechanical Sharpening of Hard Alloy Tools 4. Levinson, Ye.M., B.G. Gutkin, A.P. Dyatchenko, and Ye. I. Vladimirov. Electrospark Method of Cutting Cavities and Holes in Metal 5. Chetyrkin, N.P. Anodic-mechanical Cutting of Metals 6. Ivanov, V.K. Anodic-mechanical Machining of Draw Plates and Dies 7. Kan, B. I., and I. G. Kosmachev. Anodic-mechanical Metal Finishing 8. Gutkin, B.G. and A. L. Vishnitskiy. Controls for the Operating Regime of Electrospark and Anodic-mechanical Machine Tools 9. Alekseyev, A.V., and L.Ya. Popilov. Electric Hardening of Tools. 10. Dogorad, L.Ya. Electrochemical Metal Polishing: The booklet contains illustrations and diagrams. There are no references.

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Card 2/3

KAN, B.I.

Calculation of the productivity of continuously operating grinding machinery. Bum.prom. 27 no.12:11 D '52. (MLRA 7:10)

1. Inzhener NIIBumash.
(Papermaking machinery)

KAN, D.V.

KAN, D.V. (Moskva)

Treatment of ureterovaginal fistulas. Urologiia 22 no.3:25-30 My-Je '57. (MLRA 10:8)

1. Iz urologicheskoy kliniki (zav. - prof. A.P.Frumkin) TSentral'nogo instituta usovershenstvovaniya vrachey na base klinicheskoy bol'nitsy imeni S.P.Botkina (glavnyy vrach - prof. A.N.Shabanov)

(URETERS, fistula
ureterovaginal, surg., review)
(VAGINA, fistula
same)

KAN, D. V., Cand Med Sci -- (diss) "Replacement of a defect of the pelvic section of the ureter by a portion from the antero-nonlateral wall of the urinary bladder. (Clinicoexperimental research)." Moscow, 1960. 14 pp; (Ministry of Public Health USSR, Central Inst for Advanced Training of Physicians); 250 copies; price not given; (KL, 28-60, 165)

KAN, D.V.

Plastic surgery of the pelvic portion of the ureter using a flap from the anterolateral wall of the urinary bladder (Van Hook - Bouri operation). Urologiia 25 no.1:57-61 Ja-F '60. (MIRA 15:6)

1. Iz urologicheskoy kliniki (zav. - zasluzhennyy deyatel' nauki prof. A.P. Frumkin) TSentral'nogo instituta usovershenstvovaniya vrachey na baze Moskovskoy klinicheskoy bol'nitsy imeni S.P. Botkina.

(URETEROPLASTY)
(BLADDER--TRANSPLANTATION)

KAN, D.V.

Late results of plastic surgery of defects of the lower third of the ureter using a flap from the urinary bladder. Nauch. rab. asp. i klin. ord. no.6:241-246 '60. (MIRA 14:12)

1. Kafedra urologii (zav. prof. A.P.Frumkin) TSentral'nogo instituta usovershenstvovaniya vrachey.
(URETER—SURGERY) (BLADDER—TRANSPLANTATION)

KAN, D.V.

Air embolism following pneumoradiography of the renal bed. Nauch. rab. asp. i klin. ord. no.6:247-253 '60. (MIRA 14:12)

1. Urologicheskaya klinika (zav. prof. A.P.Frumkin) TSentral'nogo instituta usovershenstvovaniya vrachey.
(KIDNEYS--RADIOGRAPHY) (EMBOLISM)

KAN, D.V.

Candidamycosis as a complication in antibiotic treatment of urological patients. Nauch. rab. asp. i klin. ord. no.6:254-260 '60. (MIRA 14:12)

1. Kafedra urologii (zav. - prof. A.P.Frumkin) Tsentral'nogo instituta usovershenstvovaniya vrachey.
(MONILIASIS) (URINARY ORGANS--DISEASES)

KAN, D.V.

Replacement of defect in the pelvic segment of the ureter with a flap from the anterolateral wall of the bladder. Eksper.khir. i anest. 6 no.4:59-61 '61. (MIRA 14:10)
(URETERS--SURGERY) (BLADDER--TRANSPLANTATION)

KRASOVITSKAYA, S.E. [deceased]; BLYUMENFEL'D, L.A.; SYROVATKO, F.A.; FALILEYEV, Yu.V.; KAN, D.V. (Moskva)

Changes in the functional conditions of hemoglobin in malignant and benign growth in the human organisms. Pat. fiziol. i eksp. terap. 5 no.2:61-62 Mr-Ap '61. (MIRA 14:5)

1. Iz TSentral'nogo instituta usovershenstvovaniya vrachey i Instituta khimicheskoy fiziki AN SSSR.
(TUMORS) (HEMOGLOBIN)

KAN, D.V., kand. med. nauk

Retrocaval ureter. Urologiia no.6:53-54 N-D '63.
(MIRA 17:9)

1. Iz urologicheskoy kliniki (zav. zasluzhennyy deyatel' nauki- prof. A.P. Frumkin [deceased]) TSentral'nogo instituta usovershenstvovaniya vrachey na baze Klinicheskoy ordena Lenina bol'nitsy imeni Botkina, Moskva.

KAN, D.V.

Benign tumors of the seminal vesicles. Urologiia 28 no.3: 27-30 '63 (MIRA 17:2)

1. Iz urologicheskoy kliniki (zav. - prof. A.P.Frumkin) [deceased] TSentral'nogo instituta usovershenstvovaniya vrachey na baze Klinicheskoy bol'nitsy imeni S.P.Botkina.

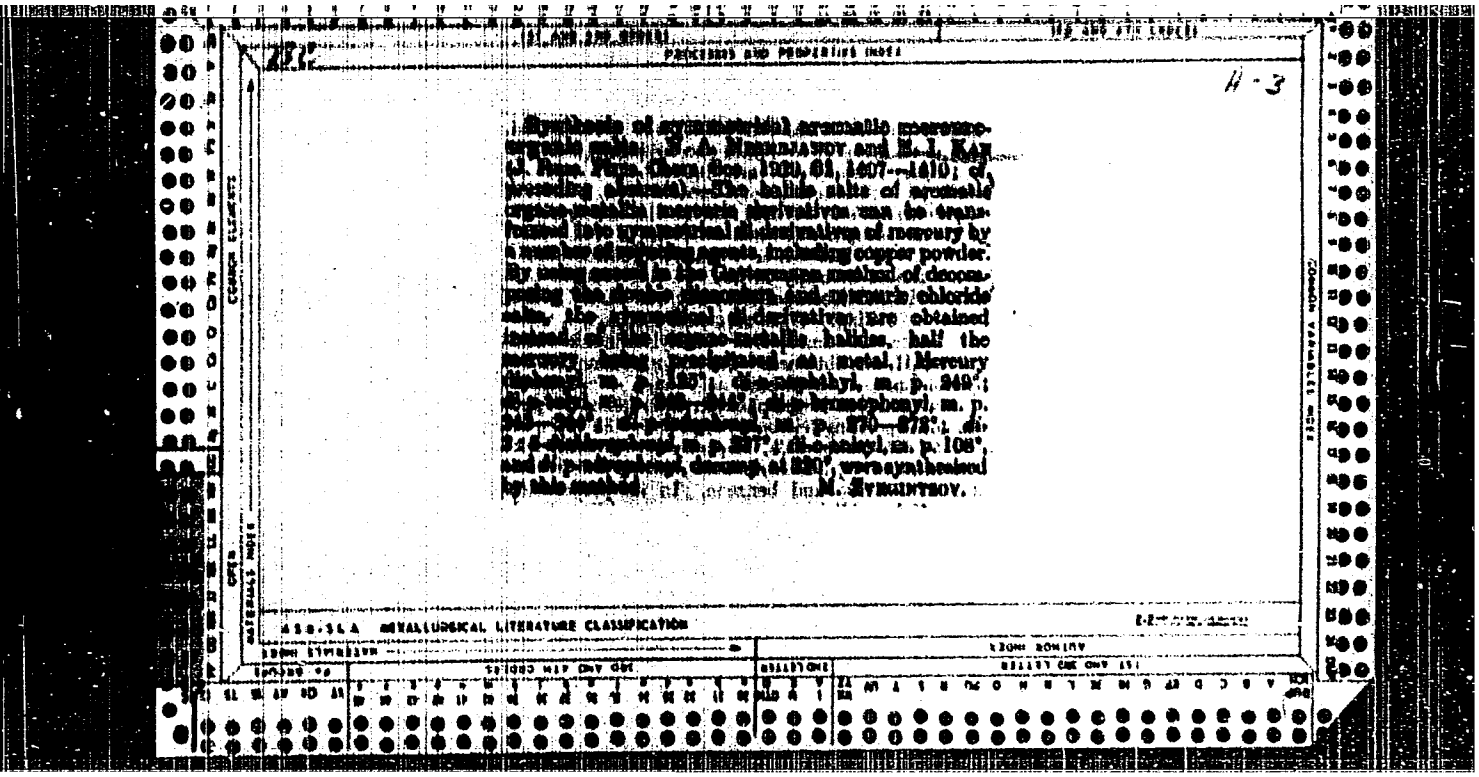
KAN, D.V.

Primary tumors of the seminal vesicles. Trudy TSIU 62:324-331 '63.
(MIRA 18:3)

1. Kafedra urologii (zav. zasluzhennyy deyatel' nauki prof. A.P. Frumkin [deceased]) TSentral'nogo instituta usovershenstvovaniya vrachey.

KAN, Dmitriy Vavilovich

[Restoration of the pelvic section of the ureter; Boari's operation] Vosstanovlenie tazovogo otdela mochetochnika; operatsiia Boari. Moskva, TSentr. in-t usovershenstvovaniia vrachei, 1965. 116 p. (MIRA 18:8)



USSR/Chemistry - Organic Compounds, Sep/Oct 48
of Mercury
Chemistry - Mercury Salts, Reaction
With Carbon Monoxide

"The Field of Mercury Organic Compounds: XLI, Reaction of Carbon Monoxide With Mercury Salts in an Amine Medium," R. Kh. Freydlina, E. I. Kan, Inst Org Chem, Acad Sci USSR, 6 pp

"Iz Ak Nauk SSSR, Otdel Khim Nauk" No 5, 578-83

Shows that carbon monoxide is easily joined with mercury salts in piperidine medium with the

27/49T33

USSR/Chemistry - Organic Compounds, Sep/Oct 48
of Mercury (Contd)

formation of products of the following composition:

$$C_5H_{10}N-\overset{\overset{O}{\#}}{C}-H_8X-C_5H_{10}NH.$$

KAN, R. I.

27/49T33

NESMEYANOV, A.N., FREYDLINA, R. KH.,

KAN, YE. I.

Beta-Bromoethylemethylaniline

Effect of magnesium on B-bromoethylmethylaniline. Uch. zap. Mosk. un. no. 132, 1950.

Monthly List of Russian Accessions. Library of Congress. October 1952. UNCLASSIFIED.

NESMEYANOV, Aleksandr Nikolayevich, akademik; REUTOV, O.A., otv.red.toma; TOPCHIYEV, A.V., akademik, red.; KHUNYANTS, I.L., akademik, red.; KABACHNIK, M.I., akademik, red.; FREYDLINA, R.Kh., red.; KAN, E.I., red.; LOSKUTOVA, I.P., red.izd-va; POLYAKOVA, T.V., tekhn.red.

[Selected works in four volumes] Izbrannye trudy v chetyrekh tomakh. Moskva, Izd-vo Akad.nauk SSSR. Vol.1. 1959. 712 p. (MIRA 12:12)

1. Chleny-korrespondenty AN SSSR (for Reutov, Freydlina).
(Chemistry)

KAN, F.A., inzhener.

Some problems of bracing horizontal mine tunnels in creeping strata. Ugol' 29 no.5:17-18 My '54. (MLRA 7:6)

1. VNIIOMShS. (Mine timbering)

KAN, F.A., inzhener.

Problem of calculating the load on the supports of horizontal slopes. Ugol' 30 no.2:15-16 F '55. (MLRA 8:4)
(Coal mines and mining)(Mine timbering)

KUDRYASHEV, I.I.; BARANOV, A.T; ROZENFEL'D, L.M.; BORDYUG, D.Ya.; LEVIN, M.V.; KALNINA, N.A.; KAN, F.A.; VAS'YANOV, D.P., red.; KUZNETSOV, A.I., tekhn. red.

[Technical specifications for manufacturing articles from cellular concrete, foamed fly ash concrete, breeze foamed fly ash silicate, and foamed clinker concrete] Tekhnicheskie usloviia na izgotovlenie izdelii iz avtoklavnykh iacheistykh betonov - penozolobetona, penozolosilikata i penoshlakobetona; proekt. Moskva, TSentr. biuro tekhn. informatsii, 1959. 62 p. (MIRA 15:2)

1. Akademiya stroitel'stva i arkhitektury SSSR. Institut novykh stroitel'nykh materialov, otdelki i oborudovaniya zdaniy. 2. Nauchno-issledovatel'skiy institut novykh stroitel'nykh materialov Akademii stroitel'stva i arkhitektury SSSR (for Kudryashev). 3. Nauchno-issledovatel'skiy institut betona i zhelezobetona (for Baranov, Rozenfel'd). 4. Nauchno-issledovatel'skiy institut organizatsii, mekhanizatsii i tekhnicheskoy pomoshchi stroitel'stvu Akademii stroitel'stva i arkhitektury SSSR (for Bordyug, D.Ya.). 5. Nauchno-issledovatel'skiy institut promyshlennykh zdaniy i sooruzheniy (for Levin). 6. Zapadno-Sibirskiy filial Akademii stroitel'stva i arkhitektury SSSR (for Kalnina). 7. Ural'skiy filial Akademii stroitel'stva i arkhitektury SSSR (for Kan).

(Lightweight concrete)

KAN, F.F., tekhnik

Device for checking multistrand cables. Energetik 10 no.3:24-26 Mr '62. (MIRA 15:2)

(Electric cables--Testing)

PAPPA, V.A., inzh.; KAN, F.F., tekhnik

Device for conducting long-distance tests of overcurrent relay protection systems. Energetik 10 no.5:18-21 My '62. (MIRA 15:5)

(Electric power distribution—Equipment and supplies)
(Electric protection)

KAN, F.F., tekhnik

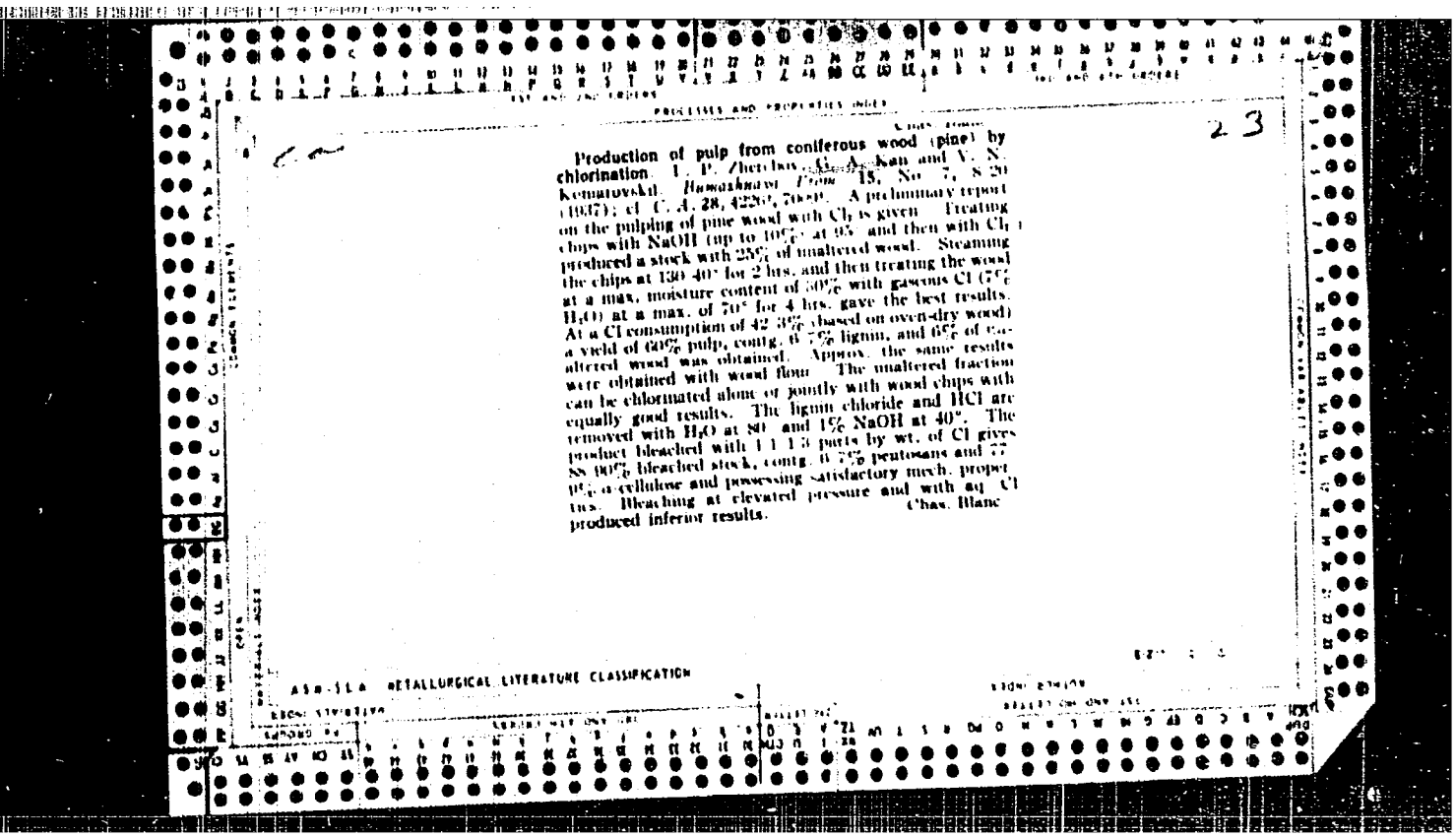
Safety circuit for switching-in the PV-52 electric second meter.
Energetik 11 no.5:33-34 My '63. (MIRA 16:7)
(Time measurements)
(Electric power plants--Electric equipment)

Kan, G.

BORSHCHEVSKIY, V., inzhener; KAN, G., inzhener.

Measures against the freezing of ground under cold storage warehouses.
Mias.ind.SSSR 28 no.4:59 '57. (MLRA 10:7)

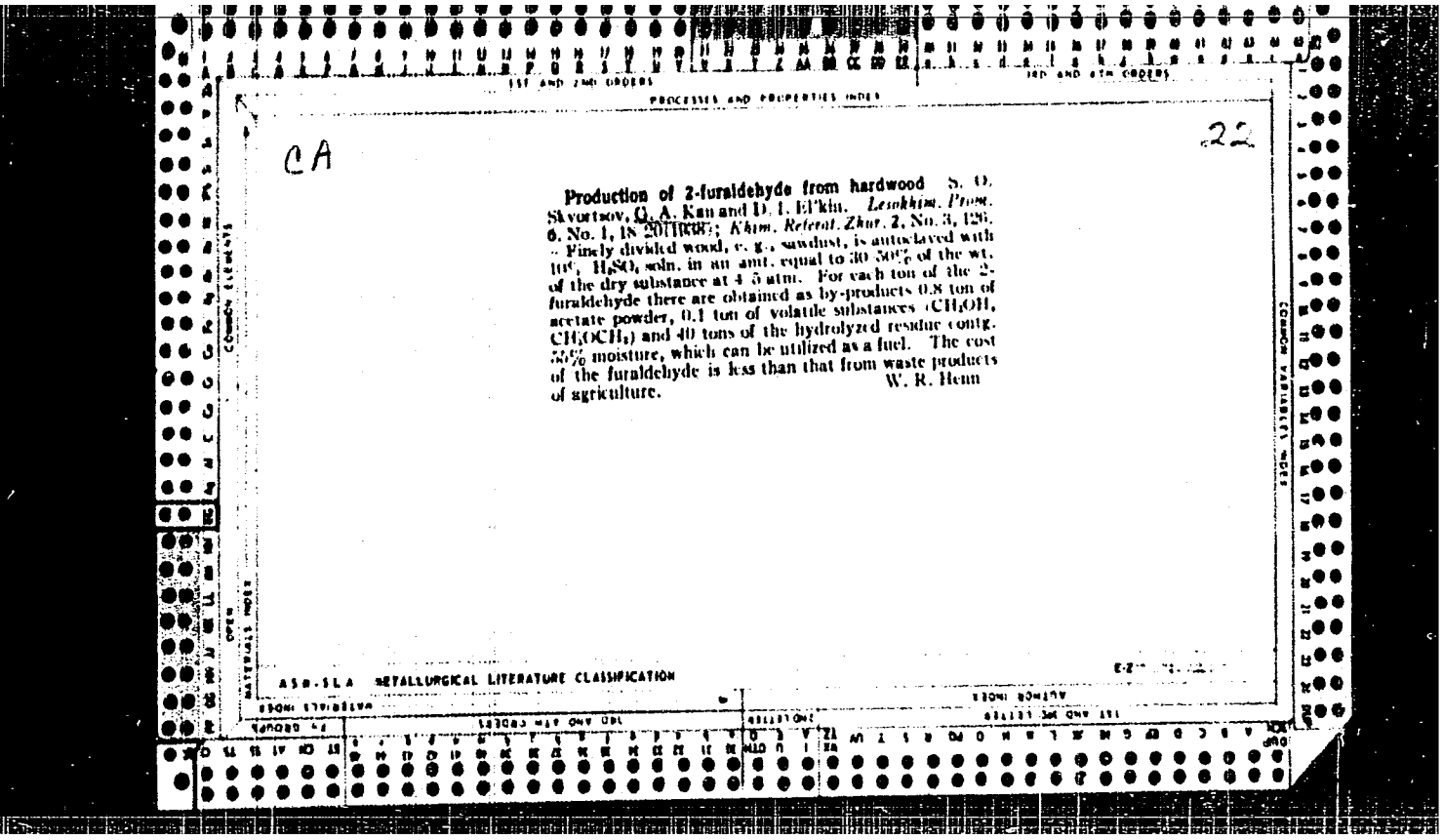
1. L'vovskiy myasotrest (for Kan).
(Frozen ground) (Cold storage warehouses)



Production of pulp from coniferous wood (pine) by chlorination. I. P. Zherebov, G. A. Kan and V. N. Komarovskii. *Bumazhnaya Prom.* 15, No. 7, 8-20 (1937); cf. C. A. 28, 4225⁵, 7080⁹. A preliminary report on the pulping of pine wood with Cl_2 is given. Treating chips with NaOH (up to 10% at 95° and then with Cl_2) produced a stock with 25% of unaltered wood. Steaming the chips at 130-40° for 2 hrs. and then treating the wood at a max. moisture content of 50% with gaseous Cl (7% H_2O) at a max. of 70° for 4 hrs. gave the best results. At a Cl consumption of 42-3% (based on oven-dry wood) a yield of 60% pulp, contg. 0.7% lignin, and 6% of unaltered wood was obtained. Approx. the same results were obtained with wood flour. The unaltered fraction can be chlorinated alone or jointly with wood chips with equally good results. The lignin chloride and HCl are removed with H_2O at 80° and 1% NaOH at 40°. The product bleached with 1:1.1.5 parts by wt. of Cl gives 88-90% bleached stock, contg. 0.7% pentosans and 77-9% α-cellulose and possessing satisfactory mech. properties. Bleaching at elevated pressure and with aq. Cl produced inferior results.

Chas. Blanc

ASM-SLA METALLURGICAL LITERATURE CLASSIFICATION



CA

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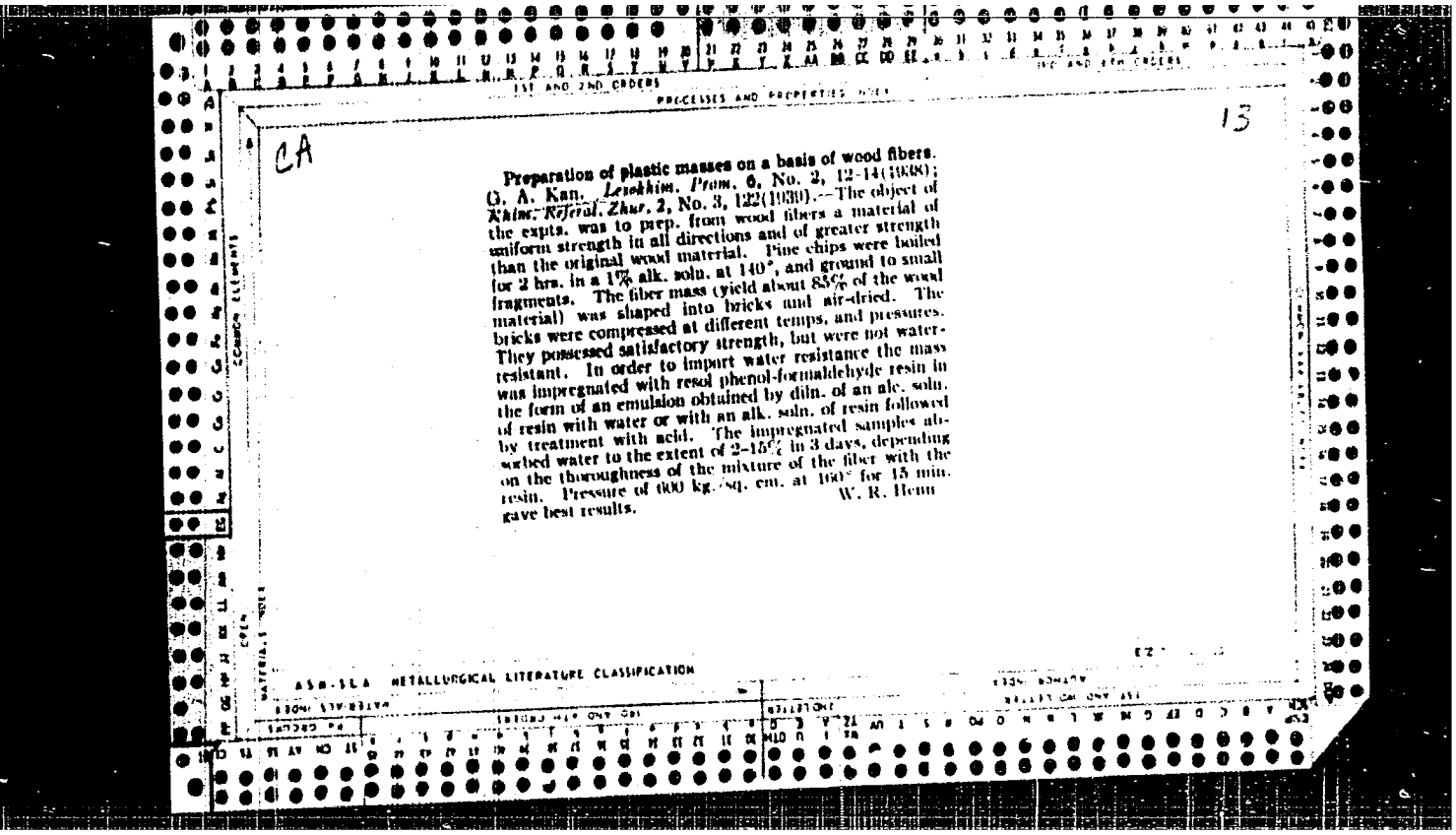
Production of 2-furaldehyde from hardwood S. O. Shvortsov, Q. A. Kan and D. I. El'kin. *Lesokhim. Prom.* 6, No. 1, 18 20(1946); *Khim. Referat. Zhur.* 2, No. 3, 126. Finely divided wood, e. g., sawdust, is autoclaved with 10% H_2SO_4 soln. in an amt. equal to 30–50% of the wt. of the dry substance at 4–5 atm. For each ton of the 2-furaldehyde there are obtained as by-products 0.8 ton of acetate powder, 0.1 ton of volatile substances (CH_3OH, CH_3OCH_3) and 40 tons of the hydrolyzed residue contg. 50% moisture, which can be utilized as a fuel. The cost of the furaldehyde is less than that from waste products of agriculture.
W. R. Henn

ASM-SLA METALLURGICAL LITERATURE CLASSIFICATION

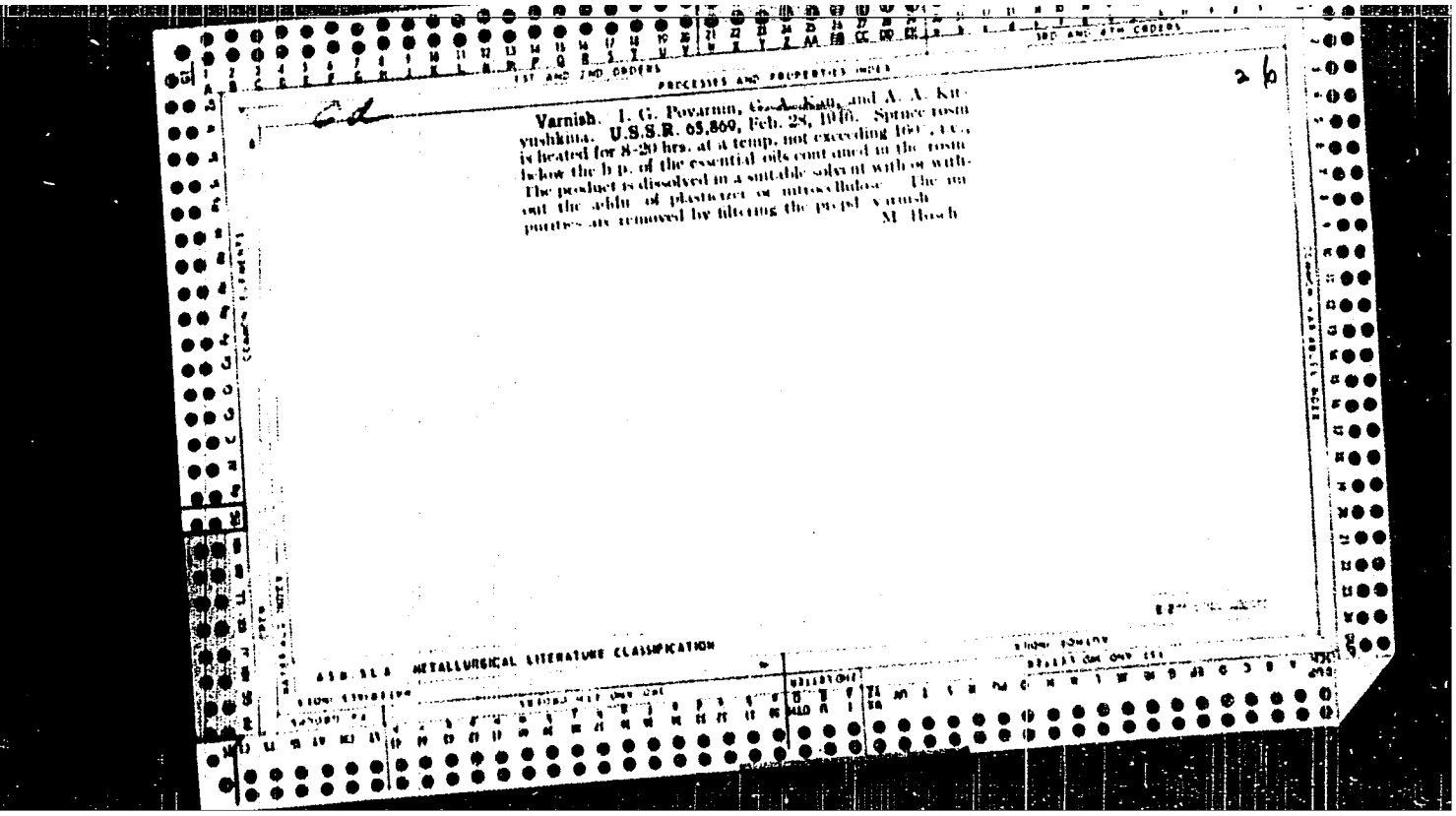


CA

13

Preparation of plastic masses on a basis of wood fibers. G. A. Kan. *Lesokhim. Prom.* 6, No. 2, 12-14(1938); *Khim. Referat. Zhur.* 2, No. 3, 122(1939).—The object of the expts. was to prep. from wood fibers a material of uniform strength in all directions and of greater strength than the original wood material. Pine chips were boiled for 2 hrs. in a 1% alk. soln. at 140°, and ground to small fragments. The fiber mass (yield about 85% of the wood material) was shaped into bricks and air-dried. The bricks were compressed at different temps. and pressures. They possessed satisfactory strength, but were not water-resistant. In order to impart water resistance the mass was impregnated with resol phenol-formaldehyde resin in the form of an emulsion obtained by diln. of an alc. soln. of resin with water or with an alk. soln. of resin followed by treatment with acid. The impregnated samples absorbed water to the extent of 2–15% in 3 days, depending on the thoroughness of the mixture of the fiber with the resin. Pressure of 600 kg./sq. cm. at 160° for 15 min. gave best results. W. R. Henn

ASM-SLA METALLURGICAL LITERATURE CLASSIFICATION

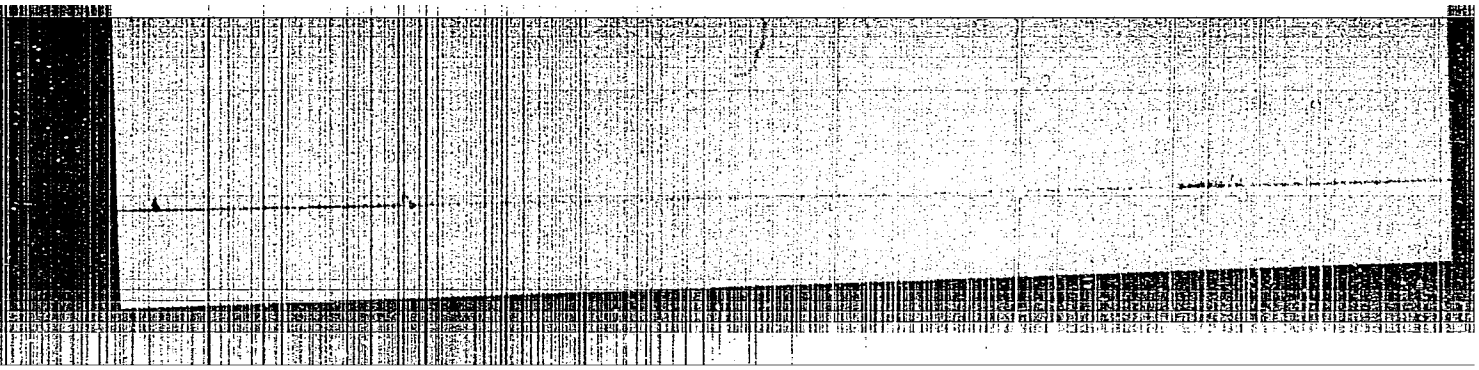


Varnish. I. G. Povarnin, [illegible], and A. A. Kuryushkina. U.S.S.R. 65,869, Feb. 28, 1946. Spruce rosin is heated for 8–20 hrs. at a temp. not exceeding 160°, i.e., below the b.p. of the essential oils contained in the rosin. The product is dissolved in a suitable solvent with or without the addn. of plasticizers or nitrocellulose. The impurities are removed by filtering the prepd. varnish.

M. Hosch

KAN, G.A., kandidat tekhnicheskikh nauk; BABOCHKIN, P.N.

A new plywood-plastic material. Der.prom.4 no.1:13-16 Ja'55. (MLRA 8:3)
(Plywood) (Plastics)



APPROVED FOR RELEASE: 08/10/2001 CIA-RDP86-00513R000620320008-0"

KAN, G.S.; CHERNIGOVSKIY, V.N., professor, deystvitel'nyy chlen Akademii meditsinskikh nauk SSSR, zaveduyushchiy; BYKOV, K.M., akademik, direktor.

Data on the study of the role of interoceptors in the pathogenesis of acute pulmonary edema. First report: Role of interoceptors in the pathogenesis of adrenal pulmonary edema. Vop.fiziol.int. no.1:212-223 '52. (MLRA 6:8)

1. Laboratoriya fiziologii retseptorov Instituta fiziologii im. I.P.Pavlova Akademii nauk SSSR (for Chernigovskiy). 2. Institut fiziologii im. I.P.Pavlova Akademii nauk SSSR (for Bykov). 3. Akademiya meditsinskikh nauk SSSR (for Chernigovskiy). (Edema) (Nervous system) (Lungs--Diseases)

KAN, G.S.; CHERNIGOVSKIY, V.N., deystvitel'nyy chlen Akademii meditsinskikh nauk SSSR, zaveduyushchiy; BYKOV, K.M., akademik, direktor.

Data on the study of the role of interoceptors in the pathogenesis of acute pulmonary edema. Second report: Cervical novocaine block in adrenal pulmonary edema. Vop.fiziol.int. no.1:224-231 '52. (MLRA 6:8)

1. Laboratoriya fiziologii retseptorov Instituta fiziologii im. I.P.Pavlova Akademii nauk SSSR (for Chernigovskiy). 2. Institut fiziologii im. I.P.Pavlova Akademii nauk SSSR (for Bykov). 3. Akademiya meditsinskikh nauk SSSR (for Chernigovskiy). (Edema) (Lungs--Diseases) (Novocaine)

KAN, G.S.; CHERNIGOVSKIY, V.N., professor, deystvitel'nyy chlen Akademii meditsinskikh nauk SSSR, zaveduyushchiy; BYKOV, K.M., akademik, direktor.

Data on the study of the role of interoceptors in the pathogenesis of acute pulmonary edema. Third report: Cervical novocaine block in toxic pulmonary edema. Vop.fiziol.int. no.1:232-235 '52. (MLRA 6:8)

1. Laboratoriya fiziologii retseptorov Instituta fiziologii im. I.P.Pavlova Akademii nauk SSSR (for Chernigovskiy). 2. Institut fiziologii im. I.P. Pavlova Akademii nauk SSSR (for Bykov). 3. Akademiya meditsinskikh nauk SSSR (for Chernigovskiy). (Edema) (Lungs--Diseases) (Novocaine)

KAN, G.S.

[The nervous system and acute pulmonary edema] Nervnaia sistema i ostryi otek legkikh [Leningrad] Medgiz, Leningradskoe otd-nie, 1953. 143 p. (MLRA 6:12)

(Edema) (Lungs--Diseases)

KAN, G.S.

Data on role of the nervous system in pathogenesis of tuberculosis. Arkh. pat., Moskva 15 no. 1:13-21 Jan-Feb 1953. (CLML 24:2)

1. Of the Experimental Department (Head -- Candidate Medical Sciences G. S. Kan), Leningrad Scientific-Research Tuberculosis Institute (Director -- Candidate Medical Sciences A. D. Semenov; Scientific Supervisor -- V. N. Chernigovskiy, Active Member AMS USSR).

KAN, G.S.; CHERNIGOVSKIY, V.N., professor, deystvitel'nyy chlen Akademii meditsinskikh nauk SSSR, zaveduyushchiy; BYKOV, K.M., akademik, direktor.

Nervous system and acute pulmonary emphysema. Vest.khir. 73 no.3:20-24 My-Je '53. (MLRA 6:6)

1. Akademiya meditsinskikh nauk SSSR (for Chernigovskiy). 2. Laboratoriya fiziologii retseptorov Instituta fiziologii Akademii Nauk SSSR im. Pavlova (for Kan and Chernigovskiy). 3. Institut fiziologii Akademii nauk SSSR im. Pavlova (for Bykov).
(Emphysema, Pulmonary) (Nervous system)

FD-2510

USSR/Medicine - Experimental Pathology

KAN, G. S.

Card 1/1 Pub 17-9/20

Author : Kan, G. S.

Title : Experiment in the use of the A. V. Vishnevskiy Novocaine Block in the experimental tuberculosis

Periodical : Byul. eksp. biol. i med. 4, 35-39, Apr 1955

Abstract : Investigated the effect of the A. V. Vishnevskiy Novocaine Block (repeated vagosympathetic block) on the spread of tuberculosis of the lung in rabbits and on the development of specific hyperergic reactions in guinea pigs with tuberculosis of the lung. Also studies the mechanism of the effect of the novocaine block on the development of experimental tuberculosis. Photographs; table. Eight references, all USSR (all since 1940).

Institution : Department of Experimental Pathology (Head- G. S. Kan, Kandidat of Medical Sciences) of the Leningrad Tuberculosis Scientific-Research Institute (Director - A. D. Semenov, M. D.)

Submitted : May 30, 1954 by V. N. Chernigovskiy, Member of the Academy of Medical Sciences USSR

KAN, G.S.

EXCERPTA MEDICA Sec.5 Vol.9/12 Pathology Dec 56

3563. KAN G.S. and POLETAYEVA K.A. T.b.c. Res. Inst., Leningrad. *The effect of the functional condition of the CNS on the development of experimental anaemia (Russian text) ARKH. PATOL. (Moscow) 1956, 18/2 (12-19) Graphs 4 Tables 2

Hypochromic anaemia was induced in rabbits by bilateral denervation of the carotid sinus and the norta; the postoperative mortality was high (5 out of 12 animals died). Unilateral denervation suffices to induce anaemia albeit of a less marked degree and transient. Anaemia subsequently recurs when denervation is effected on the contralateral side. This experimental anaemia is not affected by bilateral procaine block of the vagosympathetic and the reflex zones of the carotic sinus. Anaemia is not prevented either when unilateral denervation is preceded by homolateral procaine block; the normalization of the blood picture is retarded in this manner. Procaine block preceding contralateral denervation, however, results in prolonged polyglobulism.

Brandt - Berlin

KAN, G.S.

USSR / Pharmacology, Toxicology. Chemotherapeutic Agents U-7

Abs Jour : Ref. Zh. Biol., No 2, 1958, No 8097

Author : Kan, G.S.

Inst :

Title : On the Selective Effect of Certain Chemical Stimulants on the Chemoreceptor Reflexes. Communication No. 3. On the Effect of Streptomycin on the Enteroceptor Reflexes which Cause Alterations in the Leucocyte Composition of Peripheral Blood.

Orig Pub : Byul. eksperim. biol. i meditsiny, 1956, 41, No 5, 40-43

Abstract : When the gastric chemo-and mechanoreceptors were stimulated, there was a quantitative and qualitative reflex alteration in the leucocytes in the peripheral blood. In acute and chronic experiments on cats, an intramuscular injection

Card : 1/2

Dept. Exptl. Pathol., Inst. for Tuberculosis Leningrad

USSR / Pharmacology, Toxicology. Chemotherapeutic Agents U-7

Abs Jour : Ref. Zh. Biol., No 2, 1958, No 8097

Abstract : of streptomycin resulted in an inhibition of this leukocyte response but did not inhibit the reflex per se.

Card : 2/2

KAN, G. S. Doc Med Sci -- (diss) "An experiment of physiological analysis of the mechanism of the effect of streptomycin on the nervous system" Leningrad, 1957. 26 pp 20 cm. (Acad Sci USSR. Institute of Physiology im I. P. Pavlov), 200 copies (KL, 28-57, 85)

KAN, G. S. , Doc Med Sci--(diss) "A physiological analysis of the effect of streptomycin on the nervous system." Leningrad, 1957, 29 pp. (State Inst of Advanced physician training im. S. M. Kirov), 200 copies.

(KL, No 41, 1957, p. 109)

KAN, G. S. (Cand. Medical Sci.)

"Concerning the Mechanics of Action of Streptomycin on the Nervous System,"

DP/76 Ministry of Health USSR Proceeding s of the Second All-Union Conference on Antibiotics, 31 May - 9 June 1957. pp.405, Moscow, Medgiz, 1957.

under the section on Experiments in the Study of ANtibiotics.

KAN, G. S.

USSR / Pharmacology, Toxicology. Chemotherapeutic Preparations. V

Abs Jour: Ref Zhur-Biol., No 9, 1958, 42474.

Author : Krasuskiy, V. K.; Kan, G. S.; Schensnovich, Yu. V.
Inst : ~~Not Given.~~ see p. 2
Title : The Effect of Streptomycin on the Higher Nervous Activity in Dogs.

Orig Pub: Zh. vyssh. nervn. deyat-sti, 1957, 7, No 4, 575-581.

Abstract: The experiments were carried out on 5 dogs with the secretory alimentary method of conditioned reflexes (CR). A single intramuscular injection of streptomycin (I) in doses of 500,000 units for 45-50 minutes produced in 80% of the cases a decrease in the magnitude of positive CR for a period of 2 days. Injection of I in 250,000 units

Card 1/2

KAN G.S

KAN, G.S.

Selective effects of some chemical stimuli on reflexes from chemoreceptors. Part 5: Effect of subarachnoid streptomycin injection on reflexes from chemoreceptors, mechanoreceptors, and afferent somatic nerves [with summary in English]. Biul.eksp. biol. i med. 43 no.6:40-44 Je '57. (MIRA 10:10)

1. Iz laboratorii eksperimental'noy patologii i terapii (zav. - kand.med.nauk G.S.Kan) Leningradskogo instituta tuberkuleza imeni A.Ya.Shternberga (dir. - prof. A.D.Semenov). Predstavlena deystvitel'nym chlenom AMN SSSR prof. V.N.Chernigovskim.

(STREPTOMYCIN, effects,
on blood pressure & resp. responses to stimulation of chemoreceptors, mechanoreceptors & afferent nerves, subarachnoid admin. (Rus))
(BLOOD PRESSURE, physiology,
eff. of subarachnoid streptomycin admin. on responses to stimulation of chemoreceptors, mechanoreseptors & afferent nerves (Rus))
(RESPIRATION, physiology,
same)

KAN, G.S. (Leningrad)

Depressant action of streptomycin on reflexes from chemoreceptors [with summary in English]. Pat.fiziol. i eksp. terap. 2 no.2:12-17 Mr-Ap '58 (MIRA 11:7)

1. Iz laboratorii eksperimental'noy patologii i terapii (zav. G.S. Kan) Leningradskogo instituta tuberkuleza (direktor - deyatvitel'nyy chlen AMN SSSR prof. A.G. Kornev, nauchnyy konsul'tant - deyatvitel' nyy chlen AMN SSSR prof. V.N. Chernigovskiy).

(STREPTOMYCIN, eff.
on blood pressure & resp. responses to stimulation on various interoceptors, on survival in exper. anoxia & on exper. allergy (Rus))
(ANOXIA, exper.
eff. of streptomycin on survival (Rus))
(ALLERGY, experimental,
eff. of streptomycin (Rus))
(RESPIRATION, physiology,
eff. of stimulation of interoceptors, eff. of streptomycin on reactivity (Rus))
(BLOOD PRESSURE, physiology
eff. of stimulation of interoceptors, eff. of streptomycin on reactivity (Rus))

KAN, G.S.

Selective effect of certain chemical stimuli on reflexes from chemoreceptors. Report No.6: Effect of streptomycin on reflexes from chemoreceptors of the spleen, kidney, and hin d leg [with summary in English]. Biul.eksp.biol. i med. 45 no.1:62-68 Ja '58. (MIRA 11:4)

1. Iz laboratorii eksperimental'noy patologii i terapii (zav. - kandidat meditsinskikh nauk G.S.Kan) Leningradskogo instituta tuberkuleza imeni A.Ya.Shternberga (dir. - prof. A.D.Semenov) Predstavlena deystvitel'nym chlenom AMN SSSR V.N.Chernigovskim.

(STREPTOMYCIN, effects,
on kidney, spleen & hind leg chemoreceptors in animals (Rus))
(KIDNEYS, effect of drugs on,
streptomycin, selective on chemoreceptors in animals (Rus))
(SPLEEN, effect of drugs on,
same)
(LEG, innervation,
chemoreceptors, selective eff. of streptomycin in animals (Rus))

KAN, G.S.

Selective effect of certain chemical irritants on reflexes from chemoreceptors. Report No.7: Point of application of streptomycin in an interoceptive reflex arch. [with summary in English] Biul.eksp.biol. i med. 45 no.2:81-86 F'58 (MIRA 11:5)

1. Iz laboratorii eksperimental'noy patologii i terpii (zav. G.S. Kan) Leningradskogo instituta tuberkuleza imeni A.Ya. Shternberga (dir. - prof. A.D. Semenov, konsul'tant - deystvitel'nyy chlen AMN SSSR prof. V.N. Chernigovskiy.

(STREPTOMYCIN, effects,
on chemoroceptors, site of action in interoceptive reflex arch (Rus))

Streptomycin in parenteral introduction induces a direct blocking influence on the bulbar intermediary center of the conducting region of the internal chemical analyzer.

KAN, G.S.

Report No.8: Effect of streptomycin on reflexes from pericardial chemoreceptors and mechanoreceptors [with summary in English]. Biul.eksp.biol. i med. 45 no.6:53-57 Je '58 (MIRA 11:8)

1. Iz laboratorii eksperimental'noy patologii i terapii (zav. - kand.med.nauk G.S. Kan) Leningradskogo instituta tuberkuleza im. A.Ya. Shternberga (dir. prof. A.D. Semenov) Predstavlena deystvitel'nym chlenom AMN SSSR V.N. Chernigovskom).

(STREPTOMYCIN, effects,
on pericardial chemo - & mechanoreceptors, selective action (Rus))

(PERICARDIUM, effect of drugs on,
streptomycin, on chemo- & mechanoreceptros, selective action (Rus))

ЛАВЕР, I.E.; KAN, G.S.; KRASUSKIY, V.K.

Study of higher nervous activity in experimental tuberculosis. Report No.1: Conditioned food secretory reflexes in dogs against the background of tuberculosis infection and during streptomycin therapy. Biul. eksp. biol. i med. 50 no.7:46-51 Jl '60. (MIRA 14:5)

1. Iz laboratorii eksperimental'noy patologii i terapii (zav. - kand.med.nauk G.S. Kan) Leningradskogo nauchno-issledovatel'skogo instituta tuberkuleza (dir. - prof. A.D.Semenov) i laboratorii eksperimental'noy genetiki (zav. - doktor biologicheskikh nauk V.K.Krasuskiy) Instituta fiziologii Akademii nauk SSSR imeni I.P.Pavlova (dir. - akademik K.N.Bykov [deceased]). Predstavlena deystvitel'nym chlenom AMN SSSR V.N.Chernigovskim.

(TUBERCULOSIS) (STREPTOMYCIN)
(CONDITIONED RESPONSE)

KAN, G.S., starshiy nauchnyy sotrudnik

Physilogical analysis of the pathological neurodynamics of the higher segments of the central nervous system in tuberculosis. K izuch.roli nerv.sist.v pat., immun.i lech.tub. no.2:5-18 '61. (MIRA 15:10)

1. Iz laboratorii eksperimental'noy patologii i terapii (zav. - G.S.Kan) Leningradskogo gosudarstvennogo nauchno-issledovatel'skogo instituta tuberkuleza.
(TUBERCULOSIS) (NERVOUS SYSTEM) (CONDITIONED RESPONSE)

KAN, G.S., starshiy nauchnyy sotrudnik; KAN, Ye.L., starshiy nauchnyy sotrudnik; POLETAYEVA, K.A., mladshiy nauchnyy sotrudnik

Experimental tuberculosis of the spleen and its interrelation with the nervous system. K izuch.roli nerv.sist.v pat., immun.i lech. tub. no.2:46-62 '61. (MIRA 15:10)

1. Iz laboratorii eksperimental'noy patologii i terapii (zav. - G.S.Kan) Leningradskogo nauchno-issledovatel'skogo instituta tuberkuleza (dir. - prof. A.D.Semenov) i gruppy deystvitel'nogo chlena AMN SSSR prof. M.D.Tushinskogo.
(SPLEEN--TUBERCULOSIS) (NERVOUS SYSTEM)

GABER, I.E., starshiy nauchnyy sotrudnik; KAN, G.S., starshiy nauchnyy sotrudnik; KRASUSKIY, V.K., prof.

Change in the higher nervous activity of dogs in experimental tuberculosis and their treatment with streptomycin. K izuch.roli nerv.sist.v pat., immun.i lech.tub. no.2:120-130 '61. (MIRA 15:10)

1. Iz laboratorii eksperimental'noy patologii i terapii (zav. - G.S.Kan) Leningradskogo nauchno-issledovatel'skogo instituta tuberkuleza i iz laboratorii eksperimental'noy genetiki (zav. - V.K.Krasuskiy) Instituta fiziologii AN SSSR imeni I.P.Pavlova.
(TUBERCULOSIS) (REFLEXES) (STREPTOMYCIN)

GABER, I.E., starshiy nauchnyy sotrudnik; GEL'MAN, Ye.Ya., starshiy nauchnyy sotrudnik; KAN, G.S., starshiy nauchnyy sotrudnik

Mechanism of the direct depressing effect of streptomycin on tissue chemoreceptors. K izuch.roli nerv.sist.v pat., immun.i lech.tub. no.2:323-326 '61. (MIRA 15:10)

1. Iz laboratorii eksperimental'noy patologii i terapii (zav. - G.S.Kan) i laboratorii biokhimii (zav. Ye.Ya.Geyman) Leningradskogo nauchno-issledovatel'skogo instituta tuberkuleza.
(STREPTOMYCIN) (TISSUES--INNERVATION)
(MERCAPTO GROUP)

KAN, G.S., starshiy nauchnyy sotrudnik

Physiological mechanisms of immunity to tuberculosis. K izuch.roli nerv.sist.v pat., immun.i lech.tub. no.2:243-255 '61. (MIRA 15:10)

1. Iz laboratorii eksperimental'noy patologii i terapii (zav. - G.S.Kan) Leningradskogo nauchno-issledovatel'skogo instituta tuberkuleza.

(IMMUNITY) (TUBERCULOSIS)

ZLATKINA, T.I., mladshiy nauchnyy sotrudnik; KAN, G.S., starshiy nauchnyy sotrudnik; PIMENOVA, K.A., mladshiy nauchnyy sotrudnik

Effect of streptomycin on the oxygen content in the arterial blood of health rabbits. K izuch.roli nerv.sist.v pat., immun.i lech.tub. no.2:327-330 '61. (MIRA 15:10)

1. Iz laboratorii eksperimental'noy patologii i terapii (zav. - G.S.Kan) Leningradskogo nauchno-issledovatel'skogo instituta tuberkuleza.

(STREPTOMYCIN) (BLOOD--OXYGEN CONTENT)

KAN, G.S., starshiy nauchnyy sotrudnik

Study of the mechanism of the pathogenic therapeutic action of streptomycin. Report No.1: The effect of streptomycin on the fever reaction caused by a killed culture of B. mesenthericus. K izuch.roli nerv.sist.v pat., immun.i lech.tub. no.2:341-344 '61. (MIRA:10)

1. Iz laboratorii eksperimental'noy patologii i terapii (zav. - G.S.Kan) Leningradskogo nauchno-issledovatel'skogo instituta tuberkuleza.

(STREPTOMYCIN) (FEVER) (BACTERIA, PATHOGENIC)

KAN, G.S., starshiy nauchnyy sotrudnik

Study of the mechanism of the pathogenic therapeutic action of streptomycin. Report No. 2: The effect of streptomycin on posttransfusion shock. K izuch.roli nerv.sist.v pat., immun.i lech. tub. no.2:345-348 '61. (MIRA 15:10)

1. Iz laboratorii eksperimental'noy patologii i terapii (zav. - G.S.Kan) Leningradskogo nauchno-issledovatel'skogo instituta tuberkuleza.

(STREPTOMYCIN) (BLOOD--TRANSFUSION) (SHOCK)

KAN, G.S., starshiy nauchnyy sotrudnik

Study of the mechanism of the depressing effect of streptomycin on reflexes from the chemoreceptors. K izuch.roli nerv.sist.v pat., immun.i lech.tub. no.2:385-388 '61. (MIRA 15:10)

1. Iz laboratorii eksperimental'noy patologii i terapii (zav. - G.S.Kan) Leningradskogo nauchno-issledovatel'skogo instituta tuberkuleza.
(STREPTOMYCIN) (REFLEXES) (METABOLISM)

AL'BERTINSKIY, B.I.; KAN, G.S.; CHERNIGOVSKIY, V.N.

Analysis of the protective functions of the body on the basis of the concepts of the theory of regulation and physiology; the example of tuberculosis infection. Vest.AMN SSSR 17 no.5:72-87 '62. (MIRA 15:10)

(TUBERCULOSIS) (IMMUNITY)

KAN, G.S., starshiy nauchnyy sotrudnik; PIMENOVA, K.A., mladshiy nauchnyy sotrudnik

Effect of streptomycin on the respiratory reflexes appearing during stimulation in chronic experiments on the chemoreceptors of the carotid sinus using lobeline. K izuch.roli nerv.sist.v pat., immun.i lech.tub. no.2:331-340 '61. (MIRA 15:10)

1. Iz laboratorii eksperimental'noy patologii i terapii (zav. - G.S.Kan) Leningradskogo nauchno-issledovatel'skogo instituta tuberkuleza.

(LOBELINE) STREPTOMYCIN) (CAROTID SINUS--INNERVATION)
(RESPIRATION) (REFLEXES)

KAN, G. S.

Dissertation defended at the Institute of Physiology imeni I. P. Pavlov for the academic degree of Doctor of Medical Sciences:

"Experience in the Physiological Analysis of the Mechanism of the Action of the Action of Streptomycin on the Nervous System."

Vestnik Akad Nauk, No. 4, 1963, pp. 119-145

GABER, I.E.; KAN, G.S.

Relation between the chemical structure and pharmacological action of streptomycin on the nervous system. Antibiotiki 8 no.3:245-251 Mr '63 (MIRA 17:4)

1. Laboratoriya eksperimental'noy patologii i terapii Leningradskogo nauchno-issledovatel'skogo instituta tuberkuleza.

KAN, G.S. (Leningrad)

Correlation between the functional state of the cerebral cortex and tuberculosis. Trudy Gos. nauch. issl. psikhonevr. inst. 29:329-344 '63. (MIRA 17:8)

KAN, G.S.; KAN, Ye.L.

Effect of antituberculous vaccination on post-transfusion shock. Biul. eksp. biol. i med. 57 no.6:64-69 Je '64.

(MIRA 18:4)

1. Laboratoriya eksperimental'noy patologii i terapii (zav. - G.S. Kan) Leningradskogo nauchno-issledovatel'skogo instituta tuberkuleza (dir. - prof. A.D.Semenov).

GABER, I.E.; KAN, G.S.; KRASUSKIY, V.K.; KOGAN, I.M.

Diverse effect of experimental tuberculous infection on food and defense conditioned reflexes. Pat. fiziol. i eksp. terap. 8 no.6:57-62 N-D '64. (MIRA 18:6)

1. Laboratoriya eksperimental'noy patologii i terapii (zav. - G.S. Kan) Leningradskogo nauchno-issledovatel'skogo instituta tuberkuleza.

RODIONOVA, V. KAN, I.

Botany, Medical - Moscow Province

Results of a study of medicinal plants of Moscow Province. Apt. delo No. 3 1952

Monthly List of Russian Accessions, Library of Congress, November 1952
UNCLASSIFIED.

USSR/Cultivated Plants. Foddor Plants. M

Abs Jour : Ref Zhur-Biol., No 15, 1958, 68236

Author : Kan, K.
Inst :
Title : Esparcet Seed Cultivation in Northern Kazakhstan Oblast'.

Orig Pub : S. kh. Kazakhstana, 1957, No 7, 46-47

Abstract : Under local conditions, speckled esparcet gives consistent yields of seed and green mass. In 1954-1956, observations were made, and the yield was calculated over an area of 1.4 hectares on the production fields of the Manlyutskiy plant cultivation sovkhoz. The yields of green mass in 1955 amounted to 53.4, in 1956, to 84 centners/

Card : 1/2

USSR

CATEGORY : Cultivated Plants. Fodder Grasses and Roots.

ABS. JOUR. : Ref Zhur -Biologiya, No. 5, 1959, No. 20367

AUTHOR : Kan, K.
INST. : Inst.of Fodder and Pasturage, Acad.Agric.Sci.
TITLE : Planting Alfalfa with Hungarian Foxtail Millet in Northern Kazakhstan.

ORIG. PUB.: S. kh. Kazakhstana, 1957, No.12, 20-21

ABSTRACT : In 1956 in tests made by the Institute of Fodder and Pasturage of the Academy of Agricultural Sciences of the Kazakh SSR, the green roughage yield of a grass mixture (10 kg of alfalfa + 10 kg of Hungarian foxtail millet per 1 ha) sown on 20 May had turned out by 18 July to be 68 cwt/ha and on 5 August to be 86, and the hay during these same periods to be 4.9 and 7.6 cwt/ha larger than alfalfa alone. In comparison with Hunga-

• Kazakh SSR

CARD: 1/ 3

COUNTRY :
CATEGORY : Cultivated Plants.

ABS. JOUR.: Ref Zhur -Biologiya, No. 5, 1959, No. 20367

Author :
INST. :
TITLE :

ORIG. PUB.:

ABSTRACT : rian foxtail millet of 18 July the roughage from the grass mixture comprised more than 8, and hay 2.9 cwt/ha; on 5 August the Hungarian foxtail millet grew intensively and choked the alfalfa, thus lowering the overall output of the grass mixture somewhat. The protein content from the full tillering stage to the onset of spiking was increased from 31 31.5 to 35.5 in Hungarian foxtail millet and from 28.5 to 35.9 g per kg of green mass; the

CARD: 2/3

KAN, K. D.

KAN, K. D. -- "Heat and Mass Exchange in Grille-type Air Conditioning Installations." Min Higher Education USSR, Leningrad Technological Institute of the Refrigeration Industry, Moscow, 1956. (Dissertation for the Degree of Candidate of Technical Sciences)

SO: Knizhnaya Letopis' No 43, October 1956, Moscow

KAN, K.D., inzh.

Heat and mass transfer in an air cooling unit with spiral finned coil. Khol.tekh. 33 no.4:34-40 O-D '56.
(MIRA 12:1)

(Heat exchangers) (Heat--Transmission) (Mass transfer)

KAN, K., kand.tekhn.nauk

Using Freon-30 as a heat-carrying agent [with summary in English]. Khol.tekh. 35 no.6:22-26 N-D '58. (MIRA 12:1)

1. TSentral'noye konstruktorskoye byuro kholodil'nogo mashinostroyeniya.
(Refrigeration and refrigerating machinery) (Freons)

KAN, K. D.

(Refrigerating Machinery Central Designing Bureau, Moscow): "Heat and Mass Transfer in Crimped Spiral Fin Air Coolers" /English - 5 pages/

report presented at the International Inst. of Refrigeration (IIR), Annual Meetings of Commissions 3,4, and 5, Moscow, 3-6 Sep 1958.

KAN K.D.

FRAM I BOOK EXPLOITATION SOV/5787

International Congress of Refrigeration. Moscow, 1959

Mezhdunarodnyy kongress kholodil'noy tekhniki (Collected Soviet Reports) Moscow, Gostorgizdat, 1959. 254 p. Errata slip inserted. 2,000 copies printed.

Ed. (Title page): Sh. E. Kobulashvili; Ed. (Inside book): E. V. Glushkova; Tech. Ed.: V. V. Rabinova.

PURPOSE: This collection of articles is intended for those interested in the problems of food refrigeration.

COVERAGE: The collection contains 26 reports which were submitted at the meeting of the 3rd, 4th, and 5th Committees of the International Institute of Refrigeration. The meeting was held in Moscow, September 3-6, 1958, and was attended by 265 Soviet specialists and 115 representatives from other countries. The 73 reports discussed at this meeting cover such broad areas as the automation of the cooling of refrigerating installations, the use of closed-type refrigerating devices, fast-freezing food tunnels, the theory and technique of rapid cooling and freezing of meat and fish, the use of antibiotics in the cold storage of food, and the operation of refrigerators and cooling systems. A complete account of the proceedings of this meeting was published by the International Institute of Refrigeration in 1959. No personalities are mentioned. References follow several of the articles.

TABLE OF CONTENTS:

KAN, K.D.

BADYL'KES, I.S., prof., doktor tekhn.nauk; BUKHTER, Ye.Z., inzh.; VEYNBERG, B.S., kand.tekhn.nauk; VOL'SKAYA, L.S., inzh.; GERSH, S.Ya., prof., doktor tekhn.nauk [deceased]; GUREVICH, Ye.S., inzh.; DANILOVA, G.N., kand.tekhn.nauk; YEFIMOVA, Ye.V., inzh.; IOFFE, D.M., kand.tekhn.nauk; KAN, K.D., kand.tekhn.nauk; LAVROVA, V.V., inzh.; MEDOVAR, L.Ye., inzh.; ROZENFEL'D, L.M., prof., doktor tekhn. nauk; TKACHEV, A.G., prof., doktor tekhn.nauk; TSYRLIN, B.L.; SHUMELISHSKIY, M.G., inzh.; SHCHERBAKOV, V.S., inzh.; YAKOBSON, V.B., kand.tekhn.nauk; GOGOLIN, A.A., retsenzent; GUKHMAN, A.A., retsenzent; KARPOV, A.V., retsenzent; KURYLEV, Ye.S., retsenzent; LIVSHITS, A.B., retsenzent; CHISTYAKOV, F.M., retsenzent; SHEYNDLIN, A.Ye., retsenzent; SHEMSHEDINOV, G.A., retsenzent; PAVLOV, R.V., spetsred.; KOBULASHVILI, Sh.N., glavnyy red.; RYUTOV, D.G., zam.glavnogo red.; GOLOVKIN, N.A., red.; CHIZHOV, G.B., red.; NAZAROV, B.A., glavnyy red.izd-va; NIKOLAYEVA, N.G., red.; EYDINOVA, S.G., mladshiy red.; MEDRISH, D.M., tekhn.red.

[Refrigeration engineering; encyclopedic reference book in three volumes] Kholodil'naia tekhnika; entsiklopedicheskii spravochnik v trekh knigakh. Glav.red. Sh.N.Kobulashvili i dr. Leningrad, Gostorgizdat. Vol.1. [Techniques of the production of artificial cold] Tekhnika proizvodstva iskusstvennogo kholoda. 1960. 544 p. (MIRA 13:12)

(Refrigeration and refrigerating machinery)

ALEKSANDROV, S.V.---(continued) Card 2.
1. Vsesoyuznyy institut rasteniyevodstva (for Sachkarev, Lizgunova, Brezhnev, Gazenbush, Meshcherov, Filov, Tkachenko, Kazakova, Krasochkin, Levandovskaya, Shebalina, Syskova, Makasheva, Ivanov, Martynov, Girenko, Ivanova, Shilova). 2. Gribovskaya ovoshchnaya selektsionnaya opytnaya stantsiya; chleny-korrespondenty Vsesoyuznoy akademii sel'skokhozyaystvennykh nauk im. V.I.Lenina (for Alpat'yev, Solov'yeva). 3. Deystvitel'nyy chlen Vsesoyuznoy akademii sel'skokhozyaystvennykh nauk im. V.I.Lenina (for Brezhnev).
(Vegetables--Varieties)

KAN, K.D., kand.tekhn.nauk; MAK, L.I., inzh.

Use of single-acting piston(reciprocating) compressors for the generation of low temperatures. Khol.tekh. 40 no.1:12-16 Ja-F '63.
(MIRA 16:3)

1. TSentral'noye konstruktorskoye byuro kholodil'nogo mashinostroyeniya.
(Refrigeration and refrigerating machines)