L 47311-66 EWT(1) GW

ACC NR: AR6028[illegible] SOURCE CODE: UR/0269/66/000/005/0052/0052

AUTHOR: Banin, V. G.

22
B

TITLE: Motions effecting an asymmetry in emission of flares

SOURCE: Ref. zh. Astronomiya, Abs. 5.51.410

REF SOURCE: Solnechnyye dannyye, no. 6, 1965, 47-51

TOPIC TAGS: solar flare, flare emission, solar flare model, flare emission asymmetry

ABSTRACT: A critical analysis was carried out of flare models formulated by M. Ballario and Fritsov. These models did not explain very well the observed features of emission line profiles in flare spectra. The flare model proposed by the author represents two loops with a common base. The matter moves from the tops of the loops to the base, while the velocities in both loops are different. Such a model explains the nature of the asymmetry of the flare emission lines and

Card 1/2 UDC: 523.75

L 47311-66
ACC NR: AR6028404

the changes in this asymmetry when the lines pass from the center of the Solar disk to its edge. Orig. art. has: 13 reference items. [Translation of abstract] [FM]

SUB CODE: 03/

KRINCHIK, G.S.; BANIN, Ye.S.

Natural frequencies of nickel and nickel alloys in the infrared region of the spectrum. Zhur. eksp. i teor. fiz. 49 no.2:470-475 Ag '65. (MIRA 18:9)

1. Moskovskiy gosudarstvennyy universitet.

BANINA, N. N.

Opalina

Parasitic protozoa (protociliates) of tailless amphibians of the Soviet Union.
Uch. zap. Len. un. No. 141, 1952.

SO: Monthly List of Russian Accessions, Library of Congress, June 1953, Uncl.

BANINA, N.N., kand.biol.nauk

Karl Fedorovich Kessler as a scientist and public man. Trudy Inst. ist. est. i tekh. 24:177-195 '58. (MIRA 11:8)
(Kessler, Karl Fedorovich, 1815-1881)

BANINA, N.N., kand.biologicheskikh nauk

Scientific philosophy of K.F.Kessler. Trudy Inst.ist.est.i tekh. 31:247-267 '60. (MIRA 13:8)
(Kessler, Karl Fedorovich, 1815-1881)

BANINA, Nina Nikolayevna; RAYKOV, B.Ye., prof., otv. red.; EPSHTEYN, L.M., red. izd-va; SOROKINA, V.A., tekhn. red.

[K.F.Kessler and his role in the development of biology in Russia]K.F.Kessler i ego rol' v razvitii biologii v Rossii. Moskva, Izd-vo Akad. nauk SSSR, 1962. 139 p. (MIRA 15:11)

(KESSLER, KARL FEDOROVICH, 1815-1881)
(BIOLOGICAL RESEARCH)

BANINA, N.N.

Zoologist, ecologist and zoopecgrapher Modest Nikolaevich Bogdanov. Trudy Inst.ist.est.i tekh. 40:292-301 '62. (MIRA 15:9)
(Bogdanov, Modest Nikolaevich, 1841-1888)

BANIS, A.P.

Breeding work in the Lithuanian S.S.R. Zhivotnovodstvo 24 no.6:59-62 Je '62. (MIRA 17:3)

1. Nachal'nik Upravleniya po plemennomu delu Ministerstva proizvodstva i zagotovok sel'skokhozyaystvennykh produktov Litovskoy SSR.

BANIS, T.Ya.; VEBRA, A.I.; POZHELA, Yu.K.; REPSHAS, K.K. [Repsas, K.]; SHILAL'NIKAS, V.I. [Silalnikas, V.]

Heating of the current carriers in semiconductors in strong electric fields. Radiotekh. i elektron. 7 no.9:1519-1522 S '62. (MIRA 15:9)

1. Institut fiziki i matematiki AN Litovskoy SSR.
(Electric fields) (Semiconductors)

L 24324-66 EWT(l)/T/EWA(h) IJP(c) AT

ACC NR: AT6009584 SOURCE CODE: UR/2910/63/003/03-/0419/0425 45 8+1

AUTHORS: Banis, T. Ya. Banys, T. ; Pozhela, Yu. K. Pozela, J

ORG: Institute of Physics and Mathematics, AN LitSSR (Institut fiziki i matematiki AN LitSSR); Vilnius State Pedagogical Institute (Vil'nyusskiy gosudarstvennyy pedagogicheskiy institut)

TITLE: Determination of the inertia of carrier heating in a semiconductor 21

SOURCE: AN LitSSR. Litovskiy fizicheskiy sbornik, v. 3, no. 3/4, 1963, 419-425

TOPIC TAGS: semiconductor carrier, relaxation process, germanium, volt ampere characteristic

ABSTRACT: This is a continuation of earlier work (Radiotekhnika i elektronika v. 7, No. 9, 1 19, 1962) dealing with the relaxation of the resistance of a semiconductor, and the time lag in the heating of the carriers in a semiconductor by flow of current. Inasmuch as the heating and the cooling of the carrier gas in the semiconductor 2

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cannot occur instantaneously, the authors propose to investigate the relaxation of the resistance of germanium by determining the zeroth harmonic of the current flowing to the sample placed in a strong biased alternating electric field. It is shown first that the zeroth harmonic is strongly dependent on the relaxation resistance time. The differential equation for the resistance relaxation is solved and the equations for the integration constants are determined from the boundary conditions. It is then shown that by comparing the experimental null current in semiconductors having a prescribed volt-ampere characteristic it is possible to determine the relaxation time of the carrier energy. The method described makes it possible to determine very short relaxation times by microwave techniques. Preliminary measurements of the relaxation of carrier heating in germanium, carried out at 10 Gcs, show that the time is shorter than 10^{-11} sec. The method can be extended to include arbitrary volt-ampere characteristics and arbitrary resistance-relaxation processes. It is shown that in the fields whose period is close to the relaxation time of the carrier energy the zeroth harmonic of the current is very sensitive to the change in the relaxation time, which can be determined experimentally. Orig. art. has: 3 figures and 5 formulas.

SUB CODE: 20/ SUBM DATE: 28Dec62/ ORIG REF: 002

L 36216-66 EWT(1)
ACC NR: AT5028691 SOURCE CODE: UR/2910/64/004/004/0479/0484

AUTHOR: Banis, T. Ya. -- Banys, T.; Pozhela, Yu. K. -- Pozela, J.

ORG: Vil'nyus State Pedagogical Institute (Vil'nyusskiy Gosudarstvennyy pedagogicheskiy institut); Institute of Physics and Mathematics, Academy of Sciences, Lithuanian SSR (Institut fiziki i matematiki Akademii nauk Litovskoy SSR)

TITLE: Harmonics of a current passing through a germanium sample in a strong high frequency electric field

SOURCE: AN LitSSR. Litovskiy fizicheskiy sbornik, v. 4, no. 4, 1964, 479-484

TOPIC TAGS: microwave, current carrier, waveguide, germanium, HF, ELECTRIC FIELD

ABSTRACT: The dependence of zero and higher harmonics of the current in n-type germanium as a function of the amplitude of the applied electric field is computed for different cases of inertia of heating of current carriers. Inertia of heating is expressed as

$$\frac{dE}{dt} = \frac{E_c - E}{\tau_\varepsilon},$$

where E is the kinetic energy of a hot electron; E_c is the kinetic energy of a hot electron in the steady state and $\tau_\varepsilon = f(E)$, but for purposes of calculation, is assumed

Card 1/2

constant. The applied electric field was taken to consist of a strong variable field, $E_m \sin \omega t$, and a weak constant field E_0, $E_0 \ll E_m$. The formula

$$I_0 = \frac{1}{2\pi n} \int_0^{2\pi} \frac{m \sin \alpha + n}{r} d\alpha.$$

is derived for the amplitude of the zero harmonic, $\alpha = \omega t$. An expression is also derived for the amplitude of the kth harmonic. Using these equations, zero and higher harmonics were calculated on the BESM-2 for various values of E_m, E_0, and ω, and are presented graphically. Experimental data was also obtained on germanium blocks 1.0× ×1.0×10 (or 5) mm^3. A limiting waveguide appropriate to the base frequency of 9.3 gigacycles was used as a filter to isolate the higher harmonics. Two types of filters were used, corresponding to waves of mode H_{10} and H_{30}; two measuring lines whose resonators were tuned to the double and triple frequencies, respectively, registered the higher harmonic signals. The second harmonic amplitude is plotted as a function of field amplitude E_m for E_0=125, 100, and 50 v/cm and the third harmonic amplitude is plotted as a function of the power of the basic-frequency UHF signal. The power of the third and fourth harmonics is on the order of tenths of watts, giving an efficiency coefficicient of a fraction of a percent. The authors thank A. I. Vebre for his help with the measurements. Orig. art. has: 5 figures, 9 formulas.

SUB CODE: 09,20/ SUBM DATE: 22Jan64/ ORIG REF: 002/ OTH REF: 001

DOGADKIN, B. (Moskva); BANISKA, I. (Bratislava).

Study of the action of vulcanization activators [with English summary in insert]. Koll.zhur. 18 no.2:167-179 Mr-Ap '56. (MLRA 9:8)

1. Moskovskiy institut tonkoy khimicheskoy tekhnologii imeni M.V. Lomonosova.

(Vulcanization)

BANISYAK, V. I.

BANISYAK, V. I. "The exchange of materials as a single process," Trudy Smol. gos. med. in-ta, Vol. II, 1948, p. 27-34.

SO: U-4393, 19 August 53, (Letopis 'Zhurnal 'nykh Statey', No. 22 1949).

BANISZEWSKI, B.

Some problems of welded bridge construction in the USSR. p. 130.

PRZEGLAD SPAWALNICTWA. (Stowarzyszenie Inzynierow i Techników Mechaników Polskich i Instytut Spawalnictwa) Warszawa, Poland. Vol. 11, no. 5, May 1959.

Monthly List of East European Accessions(EEAI) LC. Vol. 8, no. 7, July 1959.

Uncl.

CA BANIT, F. G

20

Gas-fired 150-meter kiln. S. M. Royak and F. G. Banit. *Tsement* 17, No. 1, 9-11(1951).—Certain operational changes necessitated by firing a cement kiln with gas instead of powd. coal are described. The natural gas used consisted of 98% CH_4, and had a calorific value of 8497 kcal. To insure good combustion, the pressure of the gas was reduced from 5 atm. (at delivery) to 0.1 atm., the gas was carefully dewatered, and a new gas injector was designed. These and other mech. improvements enabled an output of 25 tons of clinker per hr. M. Hoseh

ROYAK, S.M.; BANIT, F.G., Eng.

Dust - Removal

Dust collection with moisture in cement mills. TSement, 18, No. 3, 1952.

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

ANDROSOV, A. A., BANIT, F. G., RUDENKO, G. I., SAN'KO, L. YA. ENGS.

Kilns, Rotary

Performance of a reconstructed rotary kiln. TSement 18, no. 3, 1952.

Monthly List of Russian Accessions, Library of Congress, October 1952. Unclassified.

SAPOZHNIKOV, M.Ya.; BANIT, F.G.; STOLYAROV, S.A., redaktor.

[Repair and assembling of equipment in plants of the building materials industry] Remont i montash oborudovaniia zavodov promyshlennosti stroitel'nykh materialov. Izd.2., perer.i dop. Moskva, Gos. izd-vo lit-ry po stroit. materialam, 1953. 506 p. (MLRA 7:6)
(Machinery--Maintenance and repair) (Building materials)

BANIT, F.G.

115

Reconstruction of rotating cement kilns. F. G. Banit. *Trudy Vsesoyuz. Nauch.-Issledovatel. Inst. Tsement. Prom.* 1954, No. 8, 3–49; *Referat. Zhur., Khim.* 1955, Abstr. No. 55821.—The test results of reconstructed rotating kilns of several factories are described. The reconstruction consists mainly in a 40–50% increase of the heat-transfer surface in the evapg. and preheating zones. The results indicate that the methods introduced increase the productivity.

N. Vasiliu

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1/1

BOGANOV, Aleksandr Ivanovich; BANIT, F.G., redaktor; TYUTYUNIK, M.S., redaktor; LYUDKOVSKAYA, tekhnicheskiy redaktor.

[Mechanical equipment of cement factories] Mekhanicheskoe oborudovanie tsementnykh zavodov. Izd.2-e, perer. i dop. Moskva, Gos.izd-vo lit-ry po stroit.materialam, 1955. 291 p. (MLRA 8:12)
(Cement industries)

BANIT, F.G., inzhener; VAYNSHTEYN, D.M.; GOL'DFARB, Yu.M., inzhener.

Radioactive slurry gauge for rotary kilns. TSement 22 no.5:13-15 S-O '56. (MLRA 10:1)
(Gamma rays--Industrial applications) (Kilns, Rotary)

BANIT, F.G.

101-4-2/13

SUBJECT: USSR/Kilning

AUTHOR: Banit, F.G., Engineer

TITLE: Some Results of the Investigation of Kiln Processes Obtained with Radioactive Isotopes (O nekotorykh rezul'tatakh issledovaniy protsessov obzhiga s primeneniyem radioaktivnykh izotopov)

PERIODICAL: Tsement , 1957, #4, pp 10-15, (USSR) Vol 26)

ABSTRACT: In order to improve the burning process in rotary kilns equipped with built-in filters and pre-heaters, radio-active level-meters were used. Observations have shown that fluctuations in the flow of slurry were due to thermic conditions within the drying zone.

Experiments were conducted in the NIZHNIY TAGIL plant with radio-active isotopes, to establish the speed of movement of slurry in different sections of rotary kilns. The tests were conducted with the isotope Fe^{59} in compound with Fe_2O_3, which radiates inflexible γ rays with energies of 1.1 and 1.3 megaelectron volt. It was established during the studies that the speed varied in different sections of the kiln as a result of the retarding actions of the chains, and the changing properties of the slurry

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101-4-2/13

TITLE: Some Results of the Investigation of Kiln Processes Obtained with Radioactive Isotopes (O nekotorykh rezul'tatakh issledovaniy protsessov obzhiga s primeneniyem radioaktivnykh izotopov)

in the course of the drying process.

The article contains 2 figures, 2 tables, 1 diagram, and 1 reference (Norwegian)

INSTITUTIONS: NIZHNIY TAGIL Cement Plant

PRESENT:

SUBMITTED:

AVAILABLE: At the Library of Congress

Card 2/2

BANIT, F., inzhener; TOLOCHKOVA, M., inzhener; TULYAKOVA, V., inzhener.

Use of radioactive isotopes for investigating clinker kilning and milling processes. Stroi.mat. 3 no.3:32 Mr '57. (MLRA 10:4)
(Radioisotopes--Industrial application) (Kilns, Rotary)
(Brickmaking)

BANIT, F. G., Cand Tech Sci (diss) -- "Investigation of the processes occurring in the built-in filter-heaters of clinker-roasting rotary furnaces using the wet production system". Moscow, 1959. 18 pp (Min Higher and Inter Spec Educ RSFSR, Moscow Order of Lenin Chem-Tech Inst im Mendeleyev), 200 copies

(KL, No 10, 1960, 129)

BANIT, F.G.; SHPAYER, A.L., red.izd-va; GILENSON, P.G., tekhn.red.

[Internal dust-collecting devices for rotary kilns] Vnutri-pechnye pyleulavlivaiushchie ustroistva. Moskva. Gos.izd-vo lit-ry po stroit., arkhit. i stroit. materialam 1959. 126 p. (Moscow. Gosudarstvennyi vsesoiuznyi nauchno-issledovatel'skii institut tsementnoi promyshlennosti. Trudy, no.11)
(MIRA 12:8)

(Kilns, Rotary) (Dust collectors)

SATARIN, Vladimir Ivanovich; PERLI, Semen Borisovich; BANIT, F.G., inzh., nauchnyy red.; TYUTYUNIK, M.S., red.izd-va; OSENKO, L.M., tekhn.red.

[Motion of and removing dust from gases in manufacturing cement] Dvizhenie i obespylivanie gazov v tsementnom proizvodstve. Moskva, Gos.izd-vo lit-ry po stroit., arkhit. i stroit.materialam, 1960. 304 p. (MIRA 13:10)

(Gases--Purification)
(Cement plants--Equipment and supplies)

BANIT, F.G., kand.tekhn.nauk; KHOLIN, I.I., kand.tekhn.nauk

Construction materials factories need new dust elimination equipment.
Stroi. mat. 7 no.4:1-6 Ap '61. (MIRA 14:5)
(Dust collectors)

BANIT, F.G., kand.tekhn.nauk; KHOLIN, I.I., kand.tekhn.nauk

Construction materials factories need new dust elimination equipment.
Stroi. mat. 7 no.4:1-6 Ap '61. (MIRA 14:5)
(Dust collectors)

KHOLIN, I.I.; BANIT, F.G.

Problems of dust elimination. TSement 27 no. 2:4-6 Mr-Ap '61.
(MIRA 14:5)
(Dust—Removal) (Cement plants)

BANIT, F., nauchn. red.; ROYAK, S.M., red.; MESHIK, T.G., red.; DANYUSHEVSKAYA, Z.D., red.

[Dust elimination from technological processes; a collection of translations] Obespylivanie tekhnologicheskikh protsessov; sbornik perevodov. Moskva, No.1. 1962. 159 p. (MIRA 17:4)

1. Moscow. Gosudarstvennyy vsesoyuznyy nauchno-issledovatel'skiy institut tsementnoi promyshlennosti.

BANIT, F.G.; GERSHMAN, M.I.; LEONTENKOV, A.I.; OLEYNIKOVA, N.I.; PERTSIK, N.G.; PIROTSKIY, V.Z.; SLIVITSKAYA, F.R.; KHOKHLOV, V.K.; ASTANSKIY, L.Yu., nauchn. red.; TYUTYUNIK, M.S., red.izd-va; BRUSINA, L.N., tekhn. red.

[Cement industry; its present status and prospects for development] TSementnaia promyshlennost'; sostoianie i perspektivy razvitiia. [By] F.G.Banit i dr. Moskva, Gosstroizdat, 1963. 258 p. (MIRA 16:12)

(Cement industries)

BANIT, Feofan Gavrilovich; YAKUBOVICH, Boris Isayevich; VOLNYANSKIY, A.K., inzh., retsenzent; VYBORNYY, K.R., inzh., retsenzent; KRIZHANOVSKIY, G.S., inzh., retsenzent; ZAYCHIKOVA, E.A., red.; GOL'BERG, T.M., tekhn. red.

[Operating, repairing, and assembling equipment in building materials plants] Ekspluatatsiia, remont i montazh oborudovaniia zavodov stroitel'nykh materialov. Moskva, Stroiizdat, 1964. 234 p. (MIRA 17:3)

KRAVCHENKO, I.V., doktor tekhn. nauk; [illegible], kand. tekhn. nauk; KHOKHLOV, V.N., inzh.; BATRAKOVA, G.S., inzh.

Specif. features in the preparation of a raw material batch in a kiln with a cyclone heat exchanger. Tsement 31 no.2:17-18 Ap '65. (MIRA 18:5)

1. Vsesoyuznyy gosudarstvennyy nauchno-issledovatel'skiy institut tsementnoy promyshlennosti.

GAL'PERIN, G., kandidat tekhnicheskikh nauk; BANIT, Ye., inzhener.

Ventilating grain in silos by means of air ducts with louvered outlets. Muk.-elev.prom. 21 no.1:13-14 Ja '55. (MLRA 8:5)

1. Odesskiy tekhnologicheskiy institut im. I.V.Stalina.
(Grain--Storage)

BANIT, Ye.A.; PLATONOV, P.N.

Pressure of a free-flowing medium during transition from the state of critical equilibrium into motion. Izv. vys. ucheb. zav.; pishch. tekh. no.1:92-96 '58. (MIRA 11:8)

1. Odesskiy tekhnologicheskiy institut imeni I.V. Stalina, Kafedra pod"yemno-transportnykh mashin.
(Soil mechanics)

BANIT, Ye.A.; PLATONOV, P.N.

Rate of flow of loose materials through apertures. Izv.vys. ucheb.zav.;pishch.tekh. no.5:115-118 '58. (MIRA 11:12)

1. Odesskiy tekhnologicheskiy institut imeni I.V.Stalina, kafedra pod"yemno-transportnykh mashin.
(Materials handling) (Solids)

PLATONOV, P., kand.tekhn.nauk; BANIT, Ya., inzh.

Draw-off gate capacity of storage bins and hoppers. Muk.-elev. prom. 24 no.8:28-29 Ag '58. (MIRA 11:10)

1. Odesskiy tekhnologicheskiy institut im. I.V. Stalina.
(Grain elevators)

BANIT, Ye. A., Candidate of Tech Sci (diss) -- "Investigation of the processes of pouring out granular materials from the openings of containers". Odessa, 1959. 15 pp (Min Higher Educ Ukr SSR, Odessa Tech Inst im I. V. Stalin), 150 copies (KL, No 22, 1959, 114)

BANIT, Ye.A.; VAYNBERG, A.A.; DUDAREV, I.R.

Principle of the operation of a centrifugal flowmeter. Izv. vys. uchsb. zav.; pishch. tekh. no. 2:104-107 '61. (MIRA 14:5)

1. Odesskiy tekhnologicheskiy institut imeni I.V. Stalina. Kafedra tekhnologicheskogo oborudovaniya.
(Flowmeters)

BANITA, L.

BANITA, L.

Plant in a heroic city. Mor.flot 17 no.11:15-18 N '57.
(MIRA 10:12)

1.Odesskiy sudoremontnyy zavod.
(Odessa--Shipbuilding)

KHEYFETS, V., inzh.; BANITA, L.

Contribution of the Odessa ship repair workers to the seven-year plan. Mor.flot 20 no.1:8-11 Ja '60. (MIRA 13:5)

1. Rukovoditel' gruppy novoy tekhniki Odesskogo sudoremontnogo zavoda No.1 (for Kheyfets). 2. Otvetstvennyy sekretar' mnogotirazhki Odesskogo sudoremontnogo zavoda No.1 (for Banita).
(Odessa--Ships--Maintenance and repair)

BANITA, L.

Factory training. Mor. flot 21 no.10:42-43 O '61. (MIRA 14:9)
(Ships—Maintenance and repair)

BANITA, L.; ROZENBLYUM, Ye.

Progressive workers are revealing potentialities. Mor. flot 23 no.11:5-6 N '63. (MIRA 16:12)

1. Sotrudnik mnogotirazhnoy gazety "Sudoremontnik" (for Banita).
2. Zamestitel' nachal'nika otdela truda i zarabotnoy platy Odesskogo sudoremontnogo zavoda No.1 (for Rozenblyum).

BANITA, L.; KLYUSHNICHENKO, V.

For advanced and progressive methods. Mor. flot 25 no.2:36-37 F '65. (MIRA 18:4)

1. Otvetstvennyy sekretar' gazety "Sudoremontnik" (for Banita).
2. Rukovoditel' gruppy khimicheskoy tekhnologii Odesskogo sudoremontnogo zavoda No.1 (for Klyushnichenko).

COUNTRY : RUMANIA
CATEGORY : Cultivated Plants. Fruits. Berries.

ABS. JOUR. : RZhBiol., No. 23, 1958, No. 104811

AUTHOR : Banita, [illegible], Baltagi, B.
INST.
TITLE : Determination of the Best Conditions for the Grafting and Growing Together of Grapevine Canes.

ORIG. PUB. : An. Inst. cercetari agron., 1957, No. 5, 503-519

ABSTRACT : As the result of studies at the experiment stations of viticulture in Dragoshani and Krechyunel (1951-1953), it is recommended to store stocks in winter before grafting, in the form of whole canes or cut to the length three times that of the scion. With the storage of the stocks of Berlandiyeri x Riparia Teleki 8B and Shasla x Berlandiyeri 41B cut to the same or double length of the scion, 3.6-8% fewer grafts of the first class were ob-

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COUNTRY :
CATEGORY :

ABS. JOUR. : RZhBiol., No. 1958, No. 10431

AUTHOR :
INST. :
TITLE :

ORIG. PUB. :

ABSTRACT : tained in comparison with the control (stock cut to the length three thirds of the scion). The optimum thickness of stock cutting for grafting is 8-9 mm. Scion must be of the same thickness as the stock or a little thinner. The area and the length of the stock and scion cuts which are to be placed against each other, must be identical. The largest percentage of grafts (43.6) of the first class were produced by cuttings taken from the middle part of the cane, then cuttings taken from the base of the cane (39.4) and the smallest percentage (33.7) - from the top of the cane. The optimum temperature in

CARD: 2/3

COUNTRY :
CATEGORY :

ABS. JOUR. : RZhBiol., No. 195 , No. 104311

AUTHOR :
INST. :
TITLE :

ORIG. PUB. :

ABSTRACT : during the growing of grafts together in the greenhouse was 25° at which 47% of first class grafts were obtained, and at the temperature of 35° - 36.3% of first class grafts (station in Dregeshani). Growing the grafts together according to Mishurenko method increased the crop of first class young plants by 26.3% in comparison with the usual method. -- Ye. T. Zhukovskaya

CARD: 3/3

BANITSE, P.

M.

RUMANIA/Cultivated Plants - Fruits. Berries.

Abs Jour : Ref Zhur - Biol., No 4, 1958, 15790

Author : S. Popa, B. Baltadzhi, P. Banitse, Ch. Shtefanesku

Inst : -

Title : Thinning and Side-Shooting in Cultivating Grape Vine Stocks.
(Prorezhivaniye i pasynkovaniye pro vyrashchivanii podvoyev vinogradnykh loz).

Orig Pub : Gradina, via si livada, 1957, 6, No 6, 30-34.

Abstract : It was established by experiments 1950-1954 that when the thinning and side-shooting of stock vines is properly carried out the number of grape stalks and the percentage of grafts of the prime variety are increased. With the side-shooting of green shoots better quality grape stalks are obtained as well as more than with the side-shooting of lignified shoots. The viability of grafts of Fetyaska belaya x Kober 5BB

Card 1/2

M-6

RUMANIA / Cultivated Plants. Fruits, Berries, Nutbearing, Teas.

Abs Jour : Ref Zhur - Biologiya, No 2, 1959, No. 6461

Author : Stefanescu, Gh.; Banita, P.; Baltagi, B.
Inst : Not given
Title : Study of Dry Pruning of Rootstocks of Grapevines

Orig Pub : Comun. Acad. RRP, 1957, 7, No 8, 727-732

Abstract : It was established at the experimental stations of viniculture of Dragashan and Krachunel (Rumania) in 1951-1954 that the dry pruning of grapevine stocks (Berlandieri x Riparia Teleki 8B and Berlandieri x Riparia Cober 5BB, Riparia Gloar), when small branches of 2 cm with two and 4 buds are left, causes the vegetation of shruhs to

Card 1/3

Abs Jour : Ref Zhur - Biologiya, No 2, 1959, No. 6461

begin 8 - 10 days earlier in comparison with the control (pruning without branches left). The more branches were left, the greater the average increment of sprouts was, up to the moment of the first cultivation. The growth and the size of sprouts in prunings where small branches were kept, especially if they were 2 cm long, were more uniform, than in variants where the branches were removed. The greatest yield of stock scions (with hilling of shrubs) was obtained by pruning and by keeping branches of 2 cm long (178.000), the smallest yield resulted from short pruning (without branches) - 171.500 scions from 1 ha. It is recommended to hill the shrubs for the winter

Abs Jour : Ref Zhur - Biologiya, No 2, 1959, No. 6461

time only; the layer of earth should be 10 - 15 cm. The pruning of stock vines while conserving branches of 2 cm in length is recommended. -- E. T. Zhukovskaya

ACCESSION NR: AP5019800 PO/0084/65/000/007/0019/0020

AUTHOR: Sztajerwald, J. (Engineer); Baniukiewicz, E.; Stepniak, S.; Weglewski, J. (Engineer); Starowski, Z. (Master engineer)

TITLE: Ionic fire prevention sensor

SOURCE: Przeglad pozarniczy, no. 7, 1965, 19-20

TOPIC TAGS: fire prevention, fire alarm, ionic fire sensor

ABSTRACT: The article describes an ionic sensor for detecting the outbreak of a fire

Card 1/3

ACCESSION NR: AP5019800

of the diode sensor is a very thin platinum wire and the anode is made of plates or a spiral. The diode sensor is located in the air stream flowing from the [illegible] control. The [illegible] is heated to a certain [illegible]

[illegible]

[illegible] Przedsiebiorstwo Poczt Polska, Telegraf[illegible]
(Polish State Postal, Telegraph, and Telephone Service)

SUBMITTED: 22Sep63 ENCL: 01 SUB CODE: [illegible]

NO REF SOV: 000 OTHER: 000

Card 2/3

ACCESSION NR: AP5019800 ENCLOSURE: 01

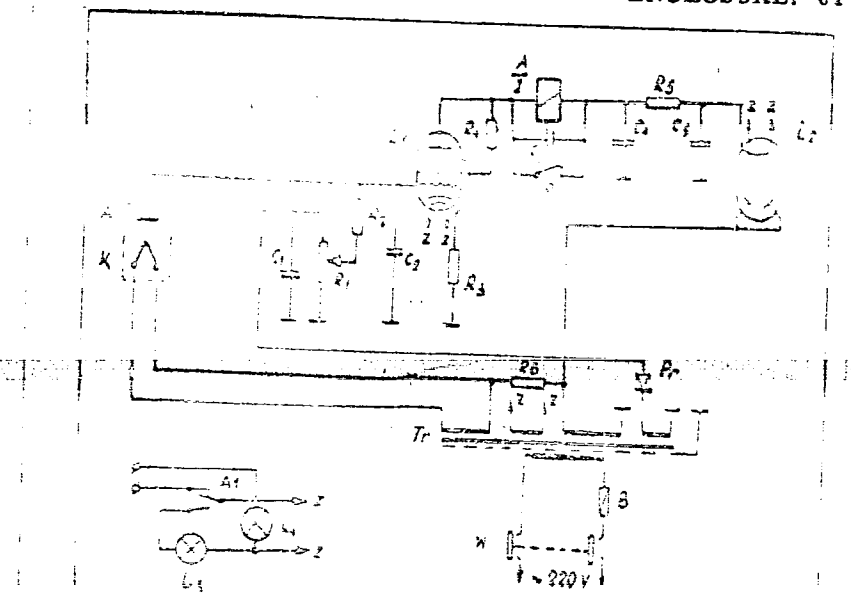


Figure 1. Circuit diagram of an ionic

Card

BANJAC, J.
SURNAME (in caps); Given Names

Country: Yugoslavia

Academic Degrees: [not given]

Affiliation: [not given]

Source: Belgrade, Arhiv za Farmaciju, Nr 5, 1960, pp 368-370.

Data: "Control and Examination of Antibiotics: Chemical Methods."

[redacted], S.

[redacted] (in caps); Given Names

Country: Yugoslavia

Academic Degrees: Not given.

Affiliation: Not given.

Source: Galenika, Belgrade, Vol 7, No 5, 1961, pp 368-370

Data: "The Control and Investigations of Antibiotics. Chemical Methods."

BANJAD, S.

BANJAD, S. The first year of the school for the fish-canning industry in Zadar. p. 223.

Vol. 8, No. 7, July 1956.
MORSKO RIBARSTVO
AGRICULTURE
Rijeka, Yugoslavia

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

KNOTEK,Otto,dr.; BIRK,Irma,inz.; BANJANAC,Mihajlo,(translator)

Behavior of alloys for hard welding. Zavarivanje 4 no.9:186-189 N '61

BANJANIN, Zoran

Importance of the investment in the modernization of merchant marine. Medun transp 8 no.8:555-556 Ag '62.

BANJANIN, Zoran

The first Yugoslav pushing tugboat is launched. Medun transp 8 no.4:267-269 Ap '62.

BANK, Anna (Mrs.)

HUNGARY

BAINTNER, Karoly

Agricultural University, School of Agronomy, Department of Animal Food and Dairy Farms (Agrartudomanyi Egyetem Mezogazdasagtudomanyi Kar Takarmanyozasi es Tejgazdasagtani Tanszeke), Godollo.

Budapest, Allattenyesztes, No 3, Sep 62, pp 259-270.

"Providing Chicks with Vitamin A with 'Aquital' and Alfalfa Flour."

Co-authors:

Mrs. BANK, nee BIRO, Anna, Agricultural University, School of Agronomy, Department of Animal Food and Dairy Farm, Godollo

BANK, Henrik, Agricultural University, School of Agronomy Department of Animal Food and Dairy Farms, Godollo.

GORBACHEV, B.G., BANK, A.S., SOLOD, G.I., SHORIN, V.G.

Inertia brakes for mine cars. Nauch. trudy MGI no. 20:248-258 '58.
(MIRA 11:8)

(Mine railroads--Cars)
(Railroads--Brakes)

YAREMA, V.D., kand.tekhn.nauk; BANK, A.S., inzh.

Overall mechanization of shaft sinking in Karaganda. Shakht.stroi. 8 no.12:1-5 D '64. (MIRA 18:1)

1. Kombinat Karagandashakhtostroy (for Yarema). 2. TSentral'nyy nauchno-issledovatel'skiy i proyektno-konstruktorskiy institut podzemnogo i shakhtnogo stroitel'stva (for Bank).

TSUKERVANIK, I.P.; BANK, A.S.

Method for synthesizing α-naphthylacetic acid. Uzb.khim.zhur no.3:41-44 '61. (MIRA 14:11)

1. Tashkentskiy gosudarstvennyy universitet imeni Lenina.
2. Chlen-korrespondent AN UzSSR (for TSukervanik).
(Acetic acid)

BANK, A.S.

Pneumatic transportation of rock in sinking a hoisting shaft with the PD-1m unit at Mine No. 122, Saran Combine. Trudy TSNIIPodzemshakhtstroia no.1:79-87 '62. (MIRA 16:8)

(Karaganda Basin--Pneumatic conveying)
(Shaft sinking)

ASKAROV, M.A.; BANK, A.S.

Synthesis of some acrylic acid esters by the reaction of acryloyl chloride with alcohols. Khim. i fiz.-khim. prirod. i sint. polim. no.1:172-176 '62 (MIRA 18:1)

BANK, A.S.; ASKAROV, M.A.

Emulsion copolymerization of acrylonitrile with acrylates. Uzb.khim.zhur. 8 no.4:71-75 '64. (MIRA 18:12)

1. Nauchno-issledovatel'skiy institut khimii i tekhnologii khlopkovoy tsellyulozy i furanovykh soyedineniy.

L 01016-67 EWT(m)/EWP(j)/T IJP(c) WW/RM

ACC NR: AP6019539 (A) SOURCE CODE: UR/0190/66/008/006/1012/1014

AUTHOR: Askarov, M. A.; Bank, A. S.

ORG: Scientific Research Institute of Chemistry and Technology of Cellulose, AN UzSSR (Nauchno-issledovatel'skiy institut khimii i tekhnologii tsellyulozy AN UzSSR)

TITLE: Investigation of the copolymerization of acrylonitrile with benzyl- and tetrahydrofurylacrylates

SOURCE: Vysokomolekulyarnyye soyedineniya, v. 8, no. 6, 1966, 1012-1014

TOPIC TAGS: acrylic plastic, polyacrylonitrile, copolymerization, filler, acrylic copolymer, ACRYLONITRILE

ABSTRACT: Copolymerization of acrylonitrile with benzyl- and tetrahydrofuryl esters of acrylic- and methacrylic acids was studied in oil solvent at 60°C with $1.22 \cdot 10^{-2}$ mol/l dinitrile of azoisobutric acid. The object of the work was to examine the effect of structure of the acrylic esters on their reactivity in copolymerization reaction with acrylonitrile. The dependence of the copolymer composition upon the ratio between starting monomers and the dependence of copolymer softening temperature upon their composition are graphed. It was found that the benzylic- and tetrahydrofuryl esters of the acrylic- and methacrylic acids are more reactive in copolymerization with acrylonitrile than the corresponding (same carbon number) aliphatic esters. This

Card 1/2 UDC: 66.095.26+678.13+678.744+678.745

L 01046-67

ACC NR: AP6019539

difference in reactivity is due to the steric effect. Very small variation in reactivity was found among various benzyl- and tetrahydrofuryl esters of the acrylic- and methacrylic acids. Orig. art. has: 2 figures, 1 table, 1 formula.

SUB CODE: 07/ SUBM DATE: 29May65/ ORIG REF: 001/ OTH REF: 009

awm

Card 2/2

BANK, E.

Painless labor with narcomunal-seminarcosis. Orv. Hetil., Budap. 92 no.34:1107-1109 26 Aug 1951. (CIML 20:11)

1. Adjunct Doctor.

BANK, E.

Artificial insemination in sterility. Magy. noorv. lap. 13 no. 9:317-320 Sept. 1952. (CLML 22:3)

1. Doctor. 2. Obstetric-Gynecological Department (Head Physician -- Prof. Dr. Pal Salacz), Kutvolgyi-uti State Hospital.

BANK, E.

Successful therapy of sarcoma of the round ligament. Magy. noorv. lap. 16 no. 1-2:60-61 Jan 1953. (CIML 24:1)

1. Doctor.

BANK, Endre, dr.

Intracardial lobeline in the treatment of asphyxia neonatorum.
Magy. noorv. lap. 18 no.4:242-248 July 55.

1. A Fovarosi Tetenyi uti Korhaz (Igazgato-foorvos: Zellner, Pal dr.) k szuleszet-nogyogyaszati osztalyanak (osztalyvezeto-foorvos: Zagon, Andras, dr.) kozlemenye.
(ASPHYXIA NEONATORUM, ther.
lobeline. (Hun))
(LOBELINE, ther. use
asphyxia neonatorum. (Hun))

ABSTRACT: Intracardial injections of lobeline were administered to 17 asphyctic neonates. Thirteen of the children were saved by the method. Before the introduction of this therapy, 19 out of 22 asphyctic infants died in a same period to time.
Vaczy-Budapest (X,7).

BANK, Endre, dr.

Survival of monoamniotic twins, with intertwined umbilical cords. Magy. noorv. lap. 19 no.1:47-49 Jan 56

1. A fovarosi Tetanyi uti Korhaz (igazgatogoorvos: Zollner Pal dr.) Szuleszeti es Nogyogyaszati Osztalyanak (osztalyvezeto foorvos: Zagon Andras dr.) kozlemenye

(TWINS
monoamniotic, with intertwined umbilical cords, survival of both (Hun))
(UMBILICAL CORD
intertwined in monoamniotic twins, survival of both (Hun))

BANK, Endre, dr.

Douglasscopy. Orv. hetil. 97 no.40:1114-1116 30 Sept 56.

1. A Tetenyi uti Fovarosi es Kutvolgyi uti Allami Korhaz (igazgato-foorvos: Zellner, Pal, dr. es Hancsok, Mariusz, dr.) Szuleszet-Nogyogyaszati Osztalyanak kozlemenye.
(ENDOSCOPY
culdoscopy (Hun))

BANK, Endre, Dr.

Combined hyason infiltration - ultrasonic therapy in gynecology. Magy. noorv. lap. 21 no.5:294-297 Oct 58.

1. A Kutvolgyi uti Allami Korhaz (Igazgato-foorvos: Fenyvesi Jozsef dr.) Szuleszet-Nogyogyaszati Osztalyanak (Foorvos: Herschler Imre dr.) kozlemenye.

(GYNECOLOGICAL DISEASES, ther.
inflamm., combination of hyaluronidase infiltration with ultrasonics (Hun))
(HYALURONIDASE, ther. use
gynecol. inflamm., combination of hyaluronidase infiltration with ultrasonics (Hun))
(ULTRASONICS, ther. use
gynecol. inflamm., combination with hyaluronidase infiltration (Hun))

BANK, Endre, Dr.

Rupture of the amnion 127 days before delivery. Orv. hetil. 99 no.2: 65-66 12 Jan 58.

1. A Fovarosi Tetenyi-uti Korh az (igazgato-foorvos: Zellner Pal dr.) Szuleszetnogyogyaszati Osztalyanak kozlemenye..

(AMNION
early rupt. followed by normal delivery (Hun))

BANK, Endre, Dr.

Sterogenol in the prevention of mastitis. Orv. hetil. 99 no.23:791-792 8 June 58.

1. A Tetenyi-uti Fovarosi es a Kutvolgyi-uti Allami Korhaz Szuleszeti-Nogyogyaszati Osztalyainak (igazgato-foorvosok: Zellner Pal dr. es Fenyvesi Jozsef dr.) kozlemenye.

(MASTITIS, prev. & control
cetyl pyridinium bromide in puerperal mastitis (Hun))
(PUERPERIUM, compl.
mastitis, prev. by cetyl pyridinium bromide (Hun))
(ANTISEPTICS, QUATERNARY AMMONIUM, ther. use
cetyl pyridinium bromide in prev. of puerperal mastitis (Hun))

BANK, Endre, Dr.

Effects of cervix conization on fertility and gestational processes. Orv. hetil. 99 no.30:1042-1044 27 July 58.

1. A tetenyi titi Fovarosi es a Kutvolgyi uti Allami Korhaz Szuleszeti-Nogyogyaszati Osztalyainak kozlemenye.

(CERVIX, UTERINE, dis.
erosion, surg., electroconization, eff. on fertility & pregnancy (Hun))
(FERTILITY
eff. of electroconization in cervical erosion (Hun))
(PREGNANDY
same)

BANK, Endre, Dr.

Advices for the therapy of trichomoniasis. Orv. hetil. 99 no.52:1834-1835 28 Dec 58.

1. A Budapesti Kutvolgyi uti Korhaz (igazgato-foorvos: Fenyvesi Jozsef dr.) kozlemenye.

(VAGINITIS, TRICHOMONAS, ther.
cetyl pyridinium bromide bath using solutions of high concentration (Hun))
(ANTISEPTICS, QUATERNARY AMMONIUM, ther. use
cetyl pyridinium bromide bath in trichomonas vaginitis using solutions of high concentration (Hun))

BANK, Endre, dr.

Restoration of patency of the fallopian tubes with the aid of hyaluronidase solution introduced under pressure. Magy.noorv. lap. 23 no.5:306-309 S '60.

(FALLOPIAN TUBES)
(STERILITY FEMALE ther)
(HYALURONIDASE ther)

BANK, Endre, dr.

Artificial insemination with the homologous sperm. Methods and results. Orv.hetil. 101 no.9:307-309 F '60.

1. Budapesti Tetenyi uti Korhaz, Nogyogyaszati osztaly.
(INSEMINATION ARTIFICIAL)

BANK, Endre, dr.

Manual colposcope. Orv.hetil. 101 no.50:1783-1784 11 D'60.

1. Orszagos Onkologiai Intezet.
(ENDOSCOPY equip & supply)

BANK, Endre, dr.

Metroscopy. Magy.noorv.lap. 26 no.6:375-379 N '63.

1. Az Orszagos Onkologiai Intezet közlemenye.

BANK, Henrik

BAUMER, Karoly HUNGARY

Agricultural University, School of Agronomy, Department of Animal Food and Dairy Farms (Agrartudomanyi Egyetem Mezogazdasagtudomanyi Kar Takarmanyozasi es Tejgazdasag-tani Tanszeke), Godollo.

Budapest, Allattenyesztes, No 3, Sep 62, pp 259-270.

"Providing Chicks with Vitamin A with 'Aquitol' and Alfalfa Flour."

Co-authors:

Mrs. BANK, nee BIRO, Anna, Agricultural University, School of Agronomy, Department of Animal Food and Dairy Farm, Godollo

BANK, Henrik, Agricultural University, School of Agronomy Department of Animal Food and Dairy Farms, Godollo.

BANK, I

Norms for industrial water consumption. p. 277. HIDROLOGIAI KOZLONY. HYDROLOGICAL JOURNAL. (Magyar Hidrologial Tarsasag) Budapest. Vol. 35, no. 7/8, July/Aug. 1955.

SOURCE: East European Accessions List (EEAL), Vol. 5, No. 2, February 1956

BANK, I.

BANK, I. Possibilities of utilization of sewage water in our agriculture; also, remarks by E. Molnar and others. p. 69.

Vol. 36, no. 1, Feb. 1956
HIDROLOGIAI KOZLONY. HYDROLOGICAL JOURNAL.
GEOGRAPHY & GEOLOGY
HUNGARY

So: East Europeon Accessions, Vol. 5, No. 9, Sept. 1956

BANK, I.B.

Self-clamping mandrel. Mashinostroitel' no.7:21 Je '65.
(MIRA 18:7)

BANK, I.L.; RABKINA, S.A.; VASILENKO, Ye.A.; BELOUSOVA, N.M.

Water-borne outbreak of dysentery. Zhur.mikrobiol., epid.i immun. 32 no.12:118 D '61. (MIRA 15:11)

1. Chelyabinskogo meditsinskogo instituta i Chelyabinskoy gorodskoy sanitarno-epidemiologicheskoy stantsii.
(DYSENTERY)

MEDVEDKO, A.I., dotsent, kand.tekhn.nauk; MALIOVANOV, D.N., kand.tekhn. nauk, otv.red.; BANK, I.I., red.; SAGITULLINA, R.I., tekhn.red.

[Mechanism of rock shattering in impact boring; second lecture] Mekhanizm razrusheniia gornykh porod pri udarnom burenii; lektsiia vtoraia. Moskva, Vses.zaochnyi politekhn.in-t, 1959. 32 p. (MIRA 13:4)

(Boring)

BANK, I. L.

PA 66/49T76

USSR/Medicine - Brucellosis Apr 49
Vaccine Therapy

"Experimental Therapy of Brucellosis by Hypodermic Injections of Vaccine," I. L. Bank, Chief, Chair of Infectious Diseases, Chelyabinsk Med Inst, 3 pp

"Klin Med" Vol XXVII, No 4

More than a year of tests proved that hypodermic vaccine produced no secondary effects. Observed only favorable effects during the whole course of treatment. Treatment had to be repeated in resistant and chronic cases. Simplicity of the treatment is an added reason for its wide use.

66/49T76

Bank I. L.

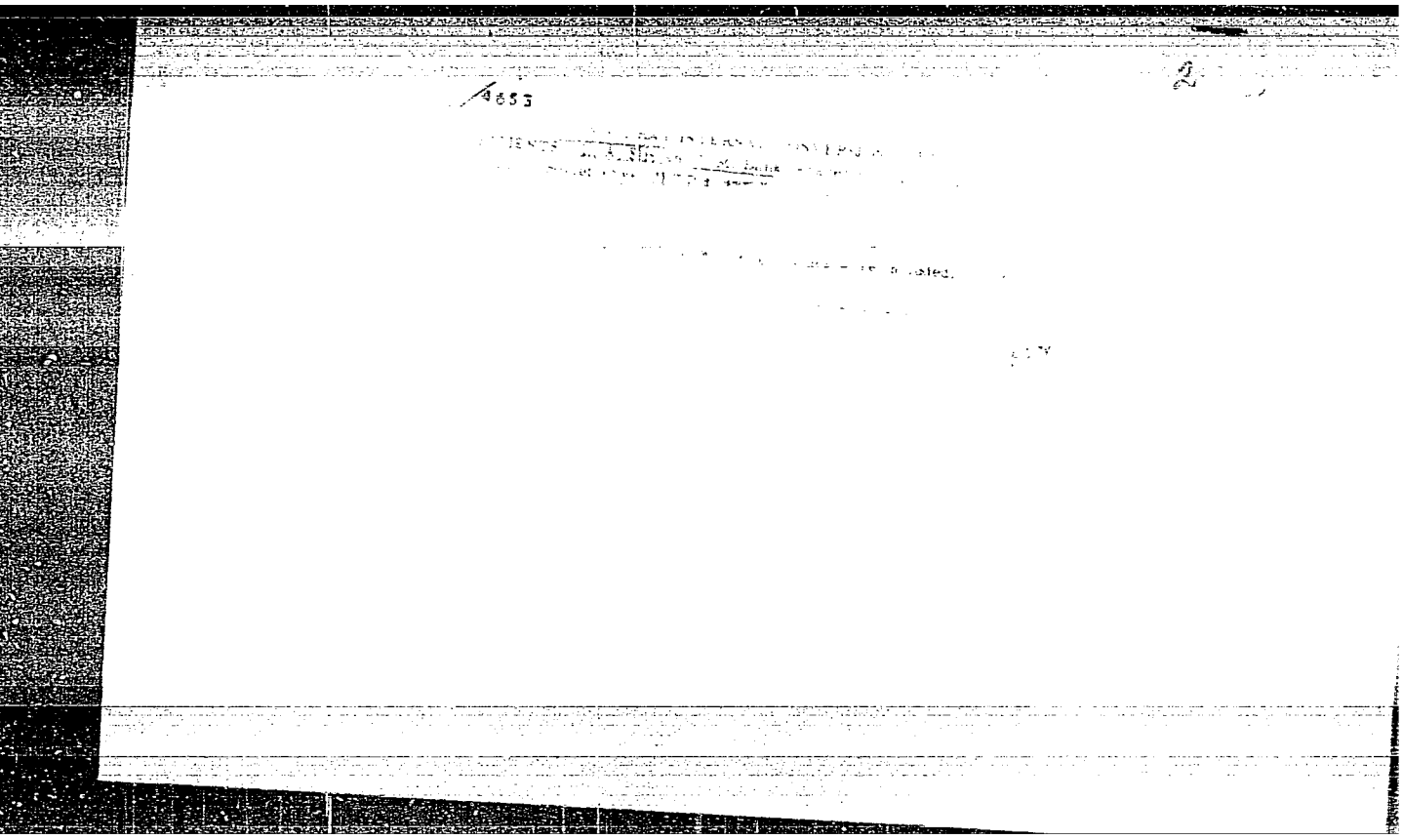
BANK, I.L., dotsent (Chelyabinsk)

Effectiveness of treating brucellosis with intracutaneous injections of brucellosis vaccine. Klin.med. 35 [i.e.34] no.1 Supplement:37 Ja '57. (MIRA 11:2)

1. Iz kafedry infektsionnykh bolezney s epidemiologiey (zav. - dotsent I.L.Bank) Chelyabinskogo meditsinskogo instituta.
(BRUCELLOSIS) (VACCINES)

BANK, I.L.; BOBROVA, F.N.

Heterohemagglutination and inhibition of heterohemagglutination in the diagnosis of epidemic hepatitis; abstract. Zhur.mikrobiol. epid.i immun. 32 no.3:142 Mr '61. (MIRA 14:6)
(HEPATITIS, INFECTIOUS) (BLOOD—AGGLUTINATION)



BANK, Istvan; MOLNAR, Endre; TOROK, Piroska, dr.; RAKSANYI, Arpad,dr.; OROSZLANY, Istvan; FINALY, Lajos; NAGY L. Denes; SZABO, Zoltan, dr.

Possibilities for the agricultural utilization of sewage waters in Hungary. Hidrologiai kozlony 36 no.1:69-76 F'56.

1. "Hidrologiai Kozlony" szerkeszto bizottsagi tagja (for Szabo).

HUNG.

Effect of exercise on food intake and selection in rats. I. Andik, J. [illegible], I. Móring, and Gy. Szegvári (*Acta physiol. Acad. Sci.* [illegible] 5, 457 [illegible]). Free choice was offered of 3 [illegible] [illegible] of a standard mixture and [illegible] [illegible] respectively, before, during and after [illegible] exercise. Before exercise [illegible] daily [illegible] [illegible] and [illegible] g. of [illegible] rations were consumed. During exercise there were two phases; in the first, consumption of starchy food declined to 15 g., the fatty ration increased to 3 g. and the casein ration to 6 g. [illegible] in the [illegible] took place [illegible] types. The [illegible] the post-exercise test phase. The total body [illegible] during the [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] A. H. L. [illegible]