

BRITVIC, Marin, sanitetski pukovnik, doc., dr.

Method for teaching medical technics. Vojnosanit. pregl. 20  
no.7:433-442 JI '63.

(EDUCATION, MEDICAL) (MILITARY MEDICINE)

S

BRITVIC, Marin, sanitetski pukovnik doc. dr

Studies on the tactical use of medical units in the management  
of mass casualties in atomic warfare. Vojnosanit. pregl. 20  
no.8:502-510 Ag '63.

(ATOMIC WARFARE)

5

BRITVIC, Z.

Yugoslavia (430)

Science

A report on the work of the Astronomical Section  
of the Croatian Natural Sciences Society in 1948.  
p. 236. GLASNIK MATEMATICKO-FIZICKI I ASTRONOMSKI,  
Vol. 3, no. 5, 1948.

East European Accessions List, Library of Congress,  
Vol. 1, no. 14, Dec. 1952. UNCLASSIFIED.

BRITVIN, G. (g. Dnepropetrovsk); RATUSHNYI, A., inzhener, (g. Dnepropetrovsk).

Use of the piecework system is not always advisable. Sots. trud no. 4:  
126-127 Ap '57. (MIRA 10:6)

1. Nachal'nik otdela truda i sarabotnoy platy, zavoda selenovykh vy-  
pryamiteley (for Britvin).  
(Piecework)

GLIKMAN, E.S., dots., kand.tekhn.nauk; BRITVIN, I.A., inzh.

Establishing norms of blast furnace performance. Izv.vys.  
ucheb.zav.; chern.met. 2 no.8:171-177 Ag '59.  
(MIRA 13:4)

1. Dnepropetrovskiy metallurgicheskiy institut. Rekomendovano  
kafedroy organizatsii i planirovaniya proizvodstva Dnepropetrov-  
skogo metallurgicheskogo instituta.  
(Blast furnaces)

BRITVIN, I. A., inzh.; KUTNER, M. B., inzh.; PODKANTOR, N. N., inzh.;  
FIL', M. S., inzh.

Increasing the blast temperature of blast furnaces in plants  
of the Dnieper Economic Region. Met. i gornorud. prom. no.1:  
11-12 Ja-F '63. (MIRA 16:4)

1. Ukgipromez.

(Dnieper Economic Region--Blast furnaces)

MIRSKOV, S.; BRITVIN, L.

For communist labor. Sov. torg. 36 no.8:1-4 Ag '63.  
(MIRA 16:11)

L 52142-65, EWP(h)/EWT(d)/EWP(h)/EWA(d)/EWP(1)/EWP(7) Pf-4  
ACCESSION NR: AP5015518 OR/0286/65/000/008/C056/0056  
621.-189.2

AUTHOR: Britvin, L. N.

TITLE: Liquid batcher, Class 42, No. 170178

SOURCE: Byulleten' izobreteniy i tovarnykh znakov, no. 8, 1965, 56

TOPIC TAGS: automatic control, dosimeter, liquid batcher, piston pump

ABSTRACT: This Author's Certificate introduces: 1. A liquid batcher made up of several piston pumps with ganged cylinder delivery control. For changing the delivery of individual cylinders, the batcher has a unit for adjusting the moment when the cylinder valves are opened and closed during the piston cycle. 2. A modification of this batcher which uses a cam mounted on the drive shaft and several pairs of interacting bellows as the unit for adjusting the moment when the valves are opened and closed. One bellows in each pair is connected with the valve while the other is mounted on the cam and can be moved with respect to the cam.

Card 1/3



E 52142-65

ACCESSION NR: AP5015518

ASSOCIATION: Vsesoyuznyy nauchno-issledovatel'skiy institut gidromashinostroyeniya  
(All-Union Scientific Research Institute of Hydraulic Machine Building)

SUBMITTED: 22Apr63

ENCL: 01

SUB CODE: IE

NO REF SOV: 000

OTHER: 000

Card 2/3

I 52142-65

ACCESSION NR: AP5015518

ENCLOSURE: 01

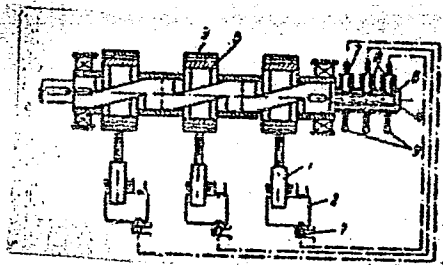


Fig. 1. 1--pump pistons; 2--pump cylinders; 3--connecting rods; 4--shaft; 5--bushings; 6--cam; 7--bellows; 8--cups; 9--cranks

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Card 3/3

ACC NR: AF7002616 (A,N) SOURCE CODE: UR/0413/66/000/023/0130/0130

INVENTOR: Ivanov, V. V.; Shcheglov, G. M.; Spasskiy, K. N.; Karakhan'yan, V. K.; Prudovskiy, B. M.; Semenov, M. I.; Sergeev, V. A.; Smirnov, I. N.; Britvin, L. N.; Shtel'makh, A. A.

ORG: None

TITLE: An impeller. Class 59, No. 189315 [announced by the All-Union Scientific Research Institute of Hydraulic Machine Building (Vsesoyuznyy nauchno-issledovatel'skiy institut gidromashinostroyeniya)]

SOURCE: Izobreteniya, promyshlennyye obraztsy, tovarnyye znaki, no. 23, 1966, 130

TOPIC TAGS: centrifugal pump, blade profile, *metal blade, pump component*

ABSTRACT: This Author's Certificate introduces: 1. An impeller for an open centrifugal pump. Pump efficiency is improved and the rigidity of the impeller blades is increased by making the blades in the cylindrical section with a channel shape. The walls of the blade channel are recurved toward the front at a sharp angle to the walls of the pump housing. 2. A modification of this impeller in which the blade channel formed in the cylindrical section has a flat bottom. 3. A modification of this impeller with U-shaped grooves in the flat bottom of the channel on the working side of the blade. These grooves are adjacent to the end surfaces of the blades.

Card 1/2

UDC: 621.671.1-253.5

ACC NR: AP7002616

4. A modification of this impeller equipped with a flat annular rim connected to each blade at the middle of its end sections. 5. A modification of this impeller equipped with flat ribs which connect the middle of the end section on the back side of each blade to the central section of the working side of the following blade.

SUB CODE: 13/ SUBM DATE: 13Jul65

Card 2/2

LYSENKO, F.I., polkovnik; ADENIN, A.S., polkovnik; BONDARENKO, V.Ye., polkovnik; ROGACHEV, F.B., polkovnik; RYB'YAKOV, M.M., pod-polkovnik; BELYAKOV, S.A., polkovnik; ISAKOV, P.F., polkovnik; BURLYAY, A.A., polkovnik; SAVCHENKO, A.M., polkovnik; IVANOV, N.I., polkovnik; AVDEYENKOV, I.P., polkovnik; ZUBAREV, Ya.G., polkovnik; DIBROVA, I.Z., kapitan 1 ranga; TSVETKOV, R.V., general-mayor, red.; BRITVIN, M.I., polkovnik, red.; SHARPILO, P.N., podpolkovnik, red.; MYASNIKOVA, T.F., tekhn.red.

[Party political work in the Soviet Army and the Navy] Partino-politicheskaya rabota v Sovetskoi Armii i Voenno-Morskoy Flote. Moskva, Voenizd-vo M-va obor.SSSR, 1960. 284 p.

(MIRA 13:6)

1. Voenno-politicheskaya akademiya imeni V.I.Lenina (for all, except TSvetkov, Britvin, Sharpilo, Myasnikova).

(Russia--Armed forces--Education, Non-military)

BRITVIN, S.

Important growth of labor productivity. Stroitel' 2 no.1:13 Ja '56.

(MLRA 10:1)

1. Brigadir kompleksnoy brigady SMU-3 Nefteprommashstroya.  
(Building) (Wages)

PROKOPCHUK, Yu.A., inzh.; BRITVINA, A.A.

Study of the briquetting quality of coal fines from the Kimovsk  
pit of the Tula Council of National Economy. Obog.i brik.ugl.  
no.27:26-32 '62. (MIRA 17:4)

GAYGEROV, S.S.; KOLOMIYTSEVA, L.M.; BRITVINA, R.A.

Processes in the troposphere in the central part of the Arctic.  
Trudy TSAO no.41:12-37 '62. (MIRA 16:10)



BRITVINA, R.A.; GAYGEROV, S.S.; KOLOMIYTSEVA, L.M.

Data on the thermal and wind regime of the lower stratosphere  
over the Moscow region. Trudy TSAO no.59:67-73 '64.  
(MIRA 19:1)

BRITVINA, Z.I.

Cabbage

Seed culture of fodder cabbage in Vologda Province. Korm. baza 2 no. 8:35-39 Ag '51.

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

BRITVINA, Z. I. Cand Agr Sci -- (diss) "Effect of the basic methods of <sup>the</sup>  
cultivation and storage of ~~the~~ <sup>as mother</sup> plants of fodder cabbage upon their  
preservability and <sup>seed</sup> ~~the~~ yield of ~~the grain~~ in Vologodskaya Oblast."

[Mos], 1958. 17 pp (All-Union Sci Res Inst of Fodders im V. R. Vil'yams),  
110 copies (KL, 13-58, 98)

BRIUL, E.

Studies of the chloro-glycemic equilibrium in ulcerous disease. I. Nițulescu, Gh. Tudoranu, P. Balanșu, C. Pavelescu, and E. Briul. *Acad. rep. populare Române Filiala Iași, Studii cercetari științ.* 3, No. 1/4, 288-04 (1952).— The variations of the chloro-glycemic equil. was studied in 24 patients with ulcers in whom artificial hyperglycemia was induced. In 23 cases the chloride content increased with the increase of glucose in the blood. An inverse ratio was found in diabetic persons. It was concluded that ulcerous disease involves the whole organism. E. Merdinger

Med 5

ERIUM, B.I.; KRYMOVA, K.B.; SAVCHENKO, Ye.D.

X-ray diagnosis of lung cancer. Klin.med. 38 no.1:61-66  
Ja '60.

(LUNGS---CANCER)

(MIRA 13:10)

VANADZINS, Z.; BRIVERE, A., red.

Sinūda. Riga. Latvijas Valsts izd-va, 1963. 1 v.  
[in 5 languages] (MIRA 17:6)

VANADZINS, Z.; BAUGIS, P., red.; KINCE, M., red.; KOVALOVS, V., red.;  
MACULEVICA, S., red.; ZVAGUZIS, I., red.; BRIVERE, A., red.

[Soviet Latvia] Padomju Latvija. Sovetskaja Latvija. Riga,  
Liesma, 1965. 1 v. (MIRA 18:10)

BRIVKALNS, K.

Brivkalns, K. "An examination of the siols of experimental establishments",  
Izvestiya Akad. nauk Latv. SSR, 1949, No 2, p. 21--48, (In Latvian, resume  
in Russian), - Bibliog: 7 items.

SO: U-4392, 19 August 53, (Letopis 'Zhurnal 'nykh Statey, No 21, 1949).



BRIVKALN, K.K.

System for the qualitative evaluation of soils in the Latvian  
S.S.R. Pochvovedenie no.6:23-34 Je '59. (MIRA 12:9)

1. Latvyskiy nauchno-issledovatel'skiy institut zemledeliya.  
(Latvia--Soils--Classification)

BRIVMANIS, R.

Design of a ring rubber shock absorber. Vestis Latv ak no.5:25-31 '61.

1. Akademiya nauk Latvyskoy SSR, Institut avtomatiki i mekhaniki.

BRIVMANIS, R.

Determination of the deformation of a ring-shaped rubber-metal shock absorber under load. Vestis Latv ak no.2:43-50 '62.

1. Institut avtomatiki i mekhaniki AN Latviyskoy SSR.

L 20411-66 EWT(m)/EWP(j)/T/ETC(m)-6 WW/RM

ACC NR: AP6008407

(A)

SOURCE CODE: UR/0374/66/000/001/0123/0129

AUTHOR: Brivmanis, R. E.

40  
B

ORG: Institute of Mechanics of Polymers, Academy of Sciences, Latvian SSR, Riga  
(Institut mekhaniki polimerov Akademii nauk Latviyskoy SSR)

TITLE: Experimental determination of residual stresses in winding <sup>15</sup>unidirectional  
fiber glass reinforced plastics<sub>15</sub>

SOURCE: Mekhanika polimerov, no. 1, 1966, 123-129

TOPIC TAGS: fiberglass, reinforced plastic, plastic strength, stress, tensile  
stress, rupture strength

ABSTRACT: Results of experimental research on residual stresses in prestressed  
systems wound in the form of rings on one-directional glass strips are given. The  
dependence of residual stress values on the tension applied to a strip in winding  
was derived. The primary tension of a glass strip in the main stages of fabrication  
of an article was shown. Test results on the rupture of freely wound rings are  
given. Orig. art. has: 6 figures. [Based on author's abstract.] [NT]

SUB CODE: 11/ SUBM DATE: 03Jul65/ ORIG REF: 002/ OTH REF: 003/

Card 1/1 BK

BRIYEDIS, Yu. [Briedis, J.]

Dynamics of effectoral synthesis of conditioned stimulation in laboratory animals under conditions of experimental changes in the activity of skeletal muscles. Izv.AN Latv.SSR no.1:63-70 '64.  
(MIRA 17:4)

1. Latviyskiy institut eksperimental'noy i klinicheskoy meditsiny AMN SSSR.

DZURIK, Rastislav; KRAJCI-LAZARY, Bartolomej; BRIX, Miroslav, KOREN, Karol;  
ZILAVY, Stefan.

The glucose, lactic and free fatty acids uptake by the dog  
kidneys. Biologia (Bratisl.) 19 no.3:186-191 '64.

1. From the Third Medical and First Surgical Clinics, Komen-  
sky University Medical School, Bratislava, Czechoslovakia.

\*

BRIX, M.; ZILAVY, S.; OHRADKA, B.; CHYLO, E.

Prevention of postoperative disorders in water and electrolyte metabolism. Bratisl. Lek. Listy 44 no.7:397-403 '64.

I. I. chirurgická klinika Lek. fak. Univerzity Komenského v Bratislave (veduci prof. MUDr. K. Carský).

KOREN, K.; MESKOVA, M.; BRIX, M.; ZILAVY, S.; CANO, M.

Metabolism of glycodes in patients following stomach resection  
for gastroduodenal ulcer. Bratisl Lek. Listy 44 no.7:422-428 '64.

1. I chirurgicka klinika Lek. fak. Univerzity Komenskeho v  
Bratislave (veduci prof. MUDr. K. Carsky).



Bilix, Stanislav, ins.

Hydrophobic fly ash, a new insulation material. Poz stavby  
12 no. 6:256.257 '64.

MALCHER, J.; BRIXI, B.; DUSEK, V. "Control of production in agricultural distilleries."  
Chemicke-Zvesti, Bratislava, Vol 7, No 9, Nov 1953, p. 587

SO: Eastern European Accessions List, Vol 3, No 10, Oct 1954, Lib. of Congress

BRIXOVA, E. (D)

The metabolism of salicylates in the organism. II. Changes of prothrombin time in the course of salicylate therapy. T. R. Niederland, J. Gvozdiak, E. Brixová, P. Mästar, Mězes, and J. Holanová (Ústav všeobecné klinické biochem. SU, Bratislava, Czech.). *Casopis Lékařů Českých* 93, 616-20(1954)(In Slovakian).--Prothrombin time (I) was estd. in 22 subjects in the course of treatment with Na salicylate. In most cases a small (less than 50%) and transient prolongation of I was observed during the first few days of treatment but disappeared spontaneously in spite of continued administration of salicylate. No simple relation between the level of salicylate in blood and I was observed. Indiscriminate administration of vitamin K during the course of salicylate treatment is not considered to be substantiated.

Ivo M. Hais

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BRIXOVA, E. D.

BRIXOVA, E. D.

CZECH

Metabolic influence of salicylates in the organism. III. Biochemical changes in the suprarenals of rabbits under chronic administration of salicylates. T. R. Niederland, E. D. Brixová, and J. Gvozdiák (Komenského Univ., Brno, Czech). *Bratislav. Lekárske Listy* 35, 140-41 (1975); cf. C.A. 48, 11045h. --When administering Na salicylate (I) to 18 rabbits for 28 days the wts. of suprarenals showed the highest values after daily doses of 0.115 g./kg. body wt., so did their content of L-ascorbic acid (II) and of cholesterol (III). Higher doses, i.e. 0.23 g. and 0.46 g. of I/kg., caused a decline in these values, however did not effect a release of II and III from the suprarenals. Glycogen (IV) of the liver did not show any significant oscillation. Rabbits that were made resistant to toxic effects of I by exptl. conditions, including administration of glucose, showed, on the 12th day, values of II and III tending to normal levels but revealed strikingly low levels of IV in the liver. L. J. Urháněk

BRIXOVA, E.D.

Metabolic influence of salicylates in the organism. V. Changes of the prothrombin time following toxic doses of salicylates in rabbits; influence of vitamin K and of nutrition upon these changes. T. R. Niederland, E. Brixová, J. Gvozdják, and M. Triznova (Komenský Univ., Bratislava, Czech). Bratislav. Lekárske Listy 36, Pt. 1, 577-87 (1956); cf. C.A. 50, 10029g.—The highly toxic effect of subcutaneously injected Na salicylate (0.51-0.68 g./kg.) characterized by a progressive prolongation of the prothrombin time (1) was considerably dependent on the compn. of food. Administration of vitamin K did not block I. (cf. C.A. 48, 11645g.)

L. J. Urbánek

Max 4

NIEDERLAND, T.R.; GVOZDJAK, J.; HRIXOVA, E.

Dynamic changes of l-ascorbic acid and cholesterol in the adrenals  
after massive doses of salicylates. Cas. lek. cesk. 99 no.16:497-  
500 15 Ap.'60.

(ADRENAL CORTEX pharmacol.)  
(SALICYLATES pharmacol.)  
(VITAMIN C metab.)  
(CHOLESTEROL metab.)

BRIXOVA, Eva; KOLESAR, Pavel

Changes in the concentration of glycogen in rat liver during the  
administration of tetrachloromethane. Biologia 15 no.5:339-343 '60.  
(EEAI 9:11)

1. III. interna klinika Lekarskej fakulty University Komenskeho,  
Bratislava.

(LIVER)

(GLYCOGEN)

(CARBON TETRACHLORIDE)

(TETRACHLOROMETHANE)

NIEDERLAND, T. R.; GVOZDJAK, J.; BRIXOVA, E.; BACHLEDOVA, E.; technicka  
spolupraca: BELAJOVA, E.; MATOLKOVA, M.

Changes in the concentration of l ascorbic acid and cholesterol in  
the adrenal gland during the course of chronic and chronic intermittent  
administration of salicylates. Bratisl. Lek. Listy 2 no.11:647-651  
'61.

1. Z III internej kliniky Lek. fak. Univ. Komenskeho v Bratislave,  
prednosta prof. MUDr. T. R. Niederland.

(ADRENAL CORTEX pharmacol) (VITAMIN C metab)  
(CHOLESTEROL metab) (SALICYLATES pharmacol)



<sup>D.</sup>  
~~BRIXOVA, Eva; FEDORCAKOVA, Annamaria; BACHLEDOVE, Elena; KOLESAR, Pavol.~~

Changes of residual proteins and of tyrosin in rat liver after application of carbon tetrachloride. Biologia 16 no.1:47-50 '61.  
(EEAI 10:7)

1. The 3d Medical Clinic, the Scientific Laboratory of Farmaco-biochemistry of the Komensky University and the Slovak Institute of Postgraduate School of Medicine, Department of Laboratory Diagnosis, Bratislava.

(PROTEINS) (TYROSINE) (CARBON TETRACHLORIDE)  
(LIVER)

DZURIK, Rastislav, Dr.; KOLESAR, Pavel, Dr.; BRIXOVA, Eva, Dr.; NIEDERLAND, Teofil R., prof., Dr.

Changes of glycogen in kidneys of rats after giving them tetra-chloromethane. Biologia 16 no.5:381-384 '61.

1. III.interna klinika lekarskej fakulty Univerzity Komenskeho v Bratislave, Hlboka cesta 14.

(GLYCOGEN) (RATS) (CARBON TETRACHLORIDE)

BRIXOVA, Eva, dr.; KRAJCI-LAZARY, Bartolomej, dr.; DZURIK, Rastislav, dr.

Changes in concentration of lipids in the liver of rats after giving them tetrachloromethane. Biologia 16 no.7:537-540 '61.

1. III.interna klinika a Vedecke laboratorium farmakobiochemie  
lekarske fakulty University Komenskeho, Bratislava, Hlboka cesta 11.

(LIPIDS) (LIVER) (CARBON TETRACHLORIDE)

NIEDERLAND, T.R.; FEDORCAKOVA, A.; BRIXOVA, E.; BACHLEDOVA, E.; Technicka  
spolupraca: GRAUSOVA, T.; BELAJOVA, H.

Changes in the concentration of liver and kidney proteins  
during the chronic and chronic-intermittent administration  
of salicylates. Bratisl. lek. listy 2 no.11:655-659 '63.

1. III. int.klinika Lek. fak. Univ. Komenskeho v Bratislave;  
vedouci: prof. MUDr. T.R.Niederland, DrSc.

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BRIY, S.

Yugoslavia (430)

Agriculture-Plant and Animal Industry

A contribution to the improvement of the success  
of chestnut sowing. p. 109. SUMARSKI LIST. Vol. 76,  
no. 4, April 1952.

East European Accessions List. Library of  
Congress, Vol. 2, no. 3, March 1953.  
UNCLASSIFIED.

BRELNY, S.

"Modified bench for nurseries; a bench for nurseries; a contribution to rational work in forest nurseries." p. 467.  
(Sudariski List. Vol. 76, no. 12, Dec. 1952, Zagreb.)

SO: Monthly List of East European Accessions, Vol. 2, No. 9, Library of Congress, September 1953, Uncl.

BRIYEDÉ, A.

Briyede, A. - "The eclipsing binary AD Andromedae," *Peremen. zvezdy*, Vol. VI, No. 5, 1948 (Published 1949), p. 281-85

SO: U-3600, 10 July 53, (Letopis 'Zhurnal 'nykh Statey, No. 6, (1949).

BRIEDIS, A. K.

USSR/Biology - Ornithology

Card 1/1 Pub. 86 - 30/39

Authors : Briedis, A. K.

Title : New limits to the habitat of the barn owl in Latvia

Periodical : Priroda 44/3, page 121, Mar 1955

Abstract : Citations are made from literature to show that the barn owl (*Tyto alba guttata*) was formerly not known in Latvia. By observation, however, it is known that this bird is now found in Latvia, which would indicate that it has extended its habitat further to the northeast.

Institution : .....

Submitted : .....



FAYTEL'SON, L.A., kand. tekhn. nauk; LINARTS, P.F., inzh.; BRIYEDIS, I.P., inzh.

Vertical molding of precast reinforced concrete elements by the  
vibratory piston method. Trudy NIIZHB no.33:292-333 '64.  
(MIRA 18:2)

I 20412-66 ENT(m)/ENP(j)/T/ETC(m)-6 WW/RM

ACC NR: AP6008408

(A)

SOURCE CODE: UR/0374/66/000/001/0130/0138

AUTHOR: Briedis, J. P.; Faytel'son, L. A. 54  
BORG: Institute of Mechanics of Polymers, Academy of Sciences, Latvian SSR, Riga  
(Institut mekhaniki polimerov Akademii nauk Latviyskoy SSR)TITLE: Calculation of inertia in a dynamic measurement of rheological characteristics  
of polymers

SOURCE: Mekhanika polimerov, no. 1, 1966, 130-138

TOPIC TAGS: polymer, polymer structure, shear modulus, vibration propagation,  
critical wavelength, impact toughness, polymer rheology

ABSTRACT: The evaluation of dynamic shear modulus and impact toughness in polymer materials by means of the Fitzgerald-Ferry apparatus is given. Limit heights of samples are obtained for which the wave character of the propagation of vibrations may be neglected. Agreement of the values of rheological constants which were obtained with and without account for inertia is observed at ratios of heights of specimens to wavelengths below 0.02—0.05. Above this limit, discrepancy grows rapidly and attains magnitudes to which the recommended formulas (J. D. Ferry, Vyazkouprugiye svoystva polimerov. M. 1963; E. R. Fitzgerald, J. D. Ferry, Coll. Sci., 1953, 1; G. V. Vinogradov, Yu. G. Yanovskiy, Zav. lab., 1965, 1; Yu. G. Yanovskiy, G. V. Vinogradov, Mekh. polim. 1965, 4, 106) are inapplicable. Depend-

Card 1/2

UDC: 678:534.641

L 20412-66

ACC NR: AP6008408.

ences for the determination of rheological constants with due account for inertia of the sample are given. Orig. art. has: 6 figures and 29 formulas. [Based on authors' abstract.] [NT]

SUB CODE:11,20/ SUBM DATE: 01Jul65/ ORIG REF: 004/ OTH REF: 001/

Card 2/2 *K*

ACCESSION NR: AP4024553

S/0197/64/000/001/0063/0070

AUTHOR: Briyedis, Yu.

TITLE: Dynamics of effectoral synthesis of conditional stimulation in experimental animals under conditions of experimental alteration of the activity of skeletal muscles

SOURCE: AN LatSSR. Izvestiya, no. 1, 1964, 63-70

TOPIC TAGS: central nervous system, autonomic nervous system, somatic effector, skeletal muscle, vegetative effector, impulse, conditional response, afferent impulse, alteration of effector activity, mechanism of compensatory output

ABSTRACT: These experiments were conducted on 4 dogs, used in 3 versions of tests. In the first, at a given signal, the animal was conditioned to lift the right hind leg, in the second it was conditioned to do chewing motions, and in the third, it was conditioned to react with alarm. The change in the activity of the effector link of the conditional stimulation was achieved by means of a local or general amplification of the isometric and isotonic contraction of the skeletal muscles which participated in the realization of the conditional reaction. The modification of the activity of skeletal muscles, was achieved by having the animal run on a

Card 1/2

ACCESSION NR: AP4024553

treadmill at a rate of 0.3 m/sec, for a 5-minute period. Another approach was to load a 5-kg bag of sand on the dog's back, while in the third method a 1- to 2-kg weight was affixed to the dog's right leg. It was found that the quantitative and qualitative changes in one component of the conditional reaction invariably led to changes in the other components. The observation was made that a run on the treadmill usually raised the level of activity of nerve structures (from which depended the conditional reflex performance). In all experiments a quantitative relationship was found between the somatic and vegetative components, where an increase in the former was followed by a decrease in the intensity of the latter. In the opinion of the author, the compensatory switching over of excitation is one of the leading mechanisms in the organization of effector synthesis of excitation in the central nervous system. Orig. art. has: 3 charts.

ASSOCIATION: Latviyskiy institut eksperimental'noy i klinicheskoy meditsiny\* AMN SSSR (Latvian Institute of Experimental and Clinical Medicine, Academy of Medicine SSSR)

SUBMITTED: 31Jul63

DATE ACQ: 23Mar64

ENCL: 00

SUB CODE: AM

NO REF SOV: 008

OTHER: 000

Card 2/2

PROCESSES AND PROPERTIES INDEX

2429

*BRITISH WE.*

*Acoustics & Nuclear Frequencies*

**Rotatable Directive Antenna.** [1934] *U.S. Pat. 2,429,827*  
*Rep. Proc. Div. 1934, pp. 10-11.* The apex of a rhombic aerial is attached by means of insulators to the rotatable head of a wooden mast, the other three junctions being attached by sectioned cables to carriages running on a circular track round the mast. The positions of the carriages, which form a symmetrical system, are controlled to alter the direction of transmission or reception and also to adjust the apex angle to suit different frequencies. The aerial is fed at its lowest point by twin cable which is carried round with it. Computed polar diagrams are compared with experimental results for scale models.

*Oct Nov '50*

METALLURGICAL LITERATURE CLASSIFICATION

A B C D E F G H I J K L M N O P Q R S T U V W X Y Z

BRIZA, J.

"Exponential transformation (transmission lines)."

SO: Slaboproudý Obzor (Weak-Current Communications Review, Czechoslovakia)  
Vol. 14, No. 12, Dec., 1953. (Air, AA London, IR-764-54, 12 April 1954,  
Unclassified.) CIA #D-13931

BRIZA, J.

621.396.677.43

2957. Rhombic aerial with feedback coupling.  
J. FRANK AND J. BRIZA. Slaboproudý Oheř, 15,  
No. 7, 315-26 (1954) in Czech.

Power lost in the terminating resistance of a rhombic aerial is 25-50%. The efficiency of such a radiating system can be increased to 90-95% by feeding the unradiated power back to the input of the aerial [see Abstr. 5332 (1954)]. In spite of its advantages the system has not been investigated adequately and the experimental data available are few. The author derives the matching condition for the rhombic aerial + feedback-coupling line system. The voltages at the output of the feedback line and at the input to the aerial must be equal in amplitude and phase. This can be achieved by transforming the amplitude and phase of coupling line output voltage, a perfect transformation being possible at one frequency only. The measurements carried out on a model having a ratio of length of the rhomboid leg to the wavelength of 2.5, at 100 Mc/s, show that with feedback the field of the main lobe increased by 45%. Design of the transforming quadripoles is discussed and the possibility of an automatic adjustment of the transformers at changing wavelengths is considered. The paper is illustrated by numerous theoretical and experimental curves.

R. S. SIDOKOWICZ

BT  
Gw



BRIZA, J.

SLABOPROUDY OBZOR (Weak Current/Communication/Engineering)  
Vol 15, No. 7, July, 1954

Rhombic antenna with feedback.

Improvement of the efficiency by means of a return line from the end to the input side. Detailed theoretical analysis and experimental investigation on models. Possible practical circuits are described, including the principles of matching networks. The experimental data proved that for a rhombic antenna with a side length to wavelength ratio of 2.5 the field in the main direction increased by 45%, i.e. the efficiency of the antenna was practically doubled. It is claimed that application of the described method would bring about very great financial saving in existing transmitting equipment.

By J. Frank and J. Briza.....

315

BT

BRIZA, J.

"Tasks of Construction", P. 6, (TECHNICKE NOVINY, Vol. 2, No. 9, May 1954,  
Praha, Czechoslovakia)

SO: Monthly List of East European Accessions, (EEAL), LC, Vol. 3, No. 12,  
Dec. 1954, Uncl.

BRIZA, J.

Exponential transmission lines. (Supplement) p. Pl.

SLABORPROUDY OBZOR. Praha. Vol. 15, no. 1, Jan. 1954.

SOURCE: East European Accessions List (EEAL), IC, Vol. 5, no. 3, March 1956.

BRIZA, Josef, Dr. inz.

Tubes compete with transistors. Slaboproudy obzor 21 no.5:283-288  
My '60. (EEAI 9:8)

1. Vyzkumny ustav rozhlasu a televize, Praha.  
(Electron tubes) (Transistors)

BRIZA, Josef, inz., dr.

The development of the stereo-broadcasting technique according to papers published in 1960. Slaboproudy obzor 22 no.6:360-365  
Je '61. (EEAI 10:9)

(Radio) (Stereophonic sound systems)

BRIZA, Josef, inz., dr.

Development of color television technique according to papers published in 1960. Slaboproudy obzor 22 no. 7:424-429 '61.

(Color television)

The Review of  
Applied Mycology

BRIZA (K.)

Oct. 1951

BRIZA (K.) Rezultati ispitivanja mogućnosti primene aviona u borbi protiv plamenjaka na Vinovoj Losi u 1950 god. [Results of investigations on the possibility of using aeroplanes for controlling downy mildew in vineyards in 1950.] - *Zasht. Bilja [Plant Prot., Beograd]*, 1951, 6-7, pp. 105-118, 4 pl., 1951. [English summary.]

In 1950 an aerial spray trial was carried out against vine downy mildew (*Plasmopara viticola*) [*R.A.M.*, 30, p. 12 and next abstract] in the large Sonja Marinković vineyard, Vršac, Yugoslavia. A 1 Stearman PT-17 aeroplane carrying 130 l. of Bordeaux mixture was used. The mixture was conveyed through rubber pipes

over

BRIZGALIN, L.I. [Bryzgalin, L.I.], inzh.-mekhanik

Installations for the methane fermentation of farm waste.  
Mekh.sil'.hosp. 9 no.12:20-21 D '58. (MIRA 12:1)  
(Methane)



BRIZGALIN, L.I. [Bryzhalin, L.I.], inzh.-mekhanik

Biothermal installation for heating water. Mekh. sil'. hosp. 12  
no. 2:27-28 F '61. (MIRA 14:4)  
(Water heaters)

BRIZGALIN, L.I. [Bryzhalin, L.I.], inzh.

Machinery for summer field shelters. Mekh. sil'. hosp. 12  
no. 5:19 My '61. (MIRA 14:5)  
(Farm equipment) (Stock and stockbreeding)

BRIZGALOV, V.A., red.

[Handbook for the agronomist specializing in vegetable growing]  
Spravochnik agronoma-ovoshchevoda. Izd.4., perer. Moskva, Gos.  
izd-vo sel'khoz. lit-ry, 1959. 912 p. (MIRA 14:7)  
(Vegetable gardening)

BRIZGALOVA, O. K.

"Concerning the Problem of Ineffective Artificial Pneumothorax in the Clinic in Pulmonary Tuberculosis." Sub 10 May 51, Acad Med Sci USSR.

Dissertations presented for science and engineering degrees in Moscow during 1951.

SO: Sum. No. 480, 9 May 55.

ERIZGIN, M.I. [Bryzhin, M.I.]

Increase of industrial capacity is a decisive factor in the  
increase of production and improvement of the quality of  
cheese. Khar. prom. no.1:67-69 Ja-Mr '65. (MIRA 18:4)

MIKHALKEVICH, M.F., glav. red.; SAFONOV, A.V., red.; KRINSKIY, L.I., red.; BROUN, R.M., red.; BOMBELO, I.A., red.; ERNST, V.P., red.; ERIZHAK, B.Ye., red.; NYZHKOVA, A.H., red.; MEMESHKINA, L.I., tekhn. red.

[The nature of Sakhalin and man's health] Priroda Sakhalina i zdorov'e cheloveka; sbornik statei. Iuzhno-Sakhalinsk, Sakhalinskoe knizhnoe izd-vo, 1962. 181 p. (MIRA 15:11)

1. Geograficheskoye obshchestvo SSSR. Komissiya meditsinskoy geografii Sakhalinskogo otdela.  
(SAKHALIN—MEDICAL GEOGRAPHY)

BRIZHAK, V.V.; BOK, I.I.; MONICH, V.K., doktor, prof.

Studying the causes of the scattering of the coordinates of twin axes of plagioclases as exemplified by the Korosten' pluton. Sbor. nauch. trud. Kaz GMI no.19:223-230 '60. (MIRA 15:3)  
(Korosten' region--Rocks, Igneous) (Plagioclase--Optical properties)

BRIZHAN', V.I.; NADOROVA, N.F.; KIPNIS, A.I.

Improving the D-348 paint sprayer. Stroi. i dor. mashinostr 3  
no.5:26 My '58. (MIRA 11:6)  
(Spray painting)



STOKHLYA, E.F.; BRIZHAN', V.I.

Manufacture of hitched graders. Mekh. stroi. 20 no.6:21  
№ 163. (MIRA 16:5)

1. Glavnyy inzhener Korosten'skogo zavoda "Oktyabr'skaya kuznitsa"  
(for Stokhlya). 2. Glavnyy konstruktor Korosten'skogo zavoda  
"Oktyabr'skaya kuznitsa" (for Brizhan').  
(Graders (Earthmoving machinery))

CHUKMASOV, S.F., prof.; SHOSTAK, T.I., inzh.; BRIZHAN', Ya.S., inzh.;  
IVANOV, V.A., inzh.

Determining the friction coefficient for the combination  
"concrete-wood." Bet. 1 zhel.-bet. 8 no.7:322-324 JI '62.

(MIRA 15:7)

1. Dnepropetrovskiy metallurgicheskiy institut (for Chukmasov, Shostak).
2. Trest Dneprostroydetal' (for Brizhan', Ivanov).  
(Concrete--Transportation)  
(Friction)

BRIZHANOV, V.

Machine for sharpening cutting parts of rotating choppers.  
Mias. ind. SSSR. 32 no.4:16 '61. (MIRA 14:9)

1. Khersonskiy myasokombinat.  
(Meat grinders)

BRIZHESKIY, V.Ch. (Tikhvin Leningradskoy oblasti)

The situation justifies the existence of hospitals which serve more than one district. Zdra.Ros.Feder. 2 no.3:13-14 Mr '58.(MIRA 11:3)  
(HOSPITALS)

KATSAROV, P., inzh; DIAKOV, Iv., inzh.; BRIZHITSKI, N., inzh.; POPOV, K., inzh.

Main trends in the development of Bulgarian electric  
power system. Elektroenergija 14 no.8:4-10 Ag '63.

BRIZHITSKI, N.

Accelerating the distant control before and after the second automatic switching in our 110-kw. system.

p. 12 (ELEKTROENERGIJA) Vol. 8, no. 9, Sept. 1957,  
Sofia, Bulgaria

SO: Monthly Index of East European Accessions (EEAI) LC, Vol. 7, No. 3  
March 1958

BRIZINOVA, P. N.

32422. BRIZINOVA, P. N. Intensivnost' protsessov pishchevareniya u salaki, ugrya, lesshcha i plotvy v zavisimosti ot temperatury. Izvestiya Vsesoyuz. nauch. issled. in-ta ozer. i rechn. ryb. khoz-va, t. XXIX, 1949, s. 1-3-55.---Bibliogr: 14 nazv.

SO: Letopis' Zhurnal'nykh Statey, Vol. 44

1. BRIZINOVA, P. N.: KIRPICHNIKOV, V. S.
2. USSR (600)
4. Carp
7. Improvement of the resistance to cold by carp fry, Amur carp, and their hybrids. Report 2. Metabolism, fatness, and nourishment of hybrids and carp. Zool. zhur. 31 no. 6, 1952.
  
  
  
  
  
  
  
  
  
  
  
  
  
  
9. Monthly List of Russian Accessions, Library of Congress, March 1953. Unclassified.



BRIZINOVA, P.N.

Ontogenetic variations in the fatness of carp. Trudy sov. ikht. kom.  
no. 8:244-250 '58. (MIRA 11:11)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut ozernogo i rechnogo  
rybnogo khozyaystva.  
(Carp) (Fat)

PRIVOL'NEV, T.I.; STREL'TSOVA, S.V.; BRIZINOVA, P.N.; OSTROUMOVA, I.N.;  
KOROLEVA, N.V.

Adaptation of fishes to new conditions of the environment. Vop.  
ekol. 5:180-181 '62. (MIRA 16:6)

1. Gosudarstvennyy nauchno-issledovatel'skiy institut ozernogo  
i rechnogo rybnogo khozyaystva, Leningrad.  
(Fishes—Physiology) (Adaptation (Biology))

STREL'TSOVA, S.V.; ~~BRIZINOVA, P.N.~~; BOGDANOV, G.N.; OSTROUMOVA, I.N.

Physiological indices of the same species of fishes in different geographical locations. Vop. ekol. 5:208-209 '62. (MIRA 16:6)

1. Leningradskiy gosudarstvennyy nauchno-issledovatel'skiy institut  
ozernogo i rechnogo rybnogo khozyaystva.  
(Fishes—Physiology)

PRIVOL'NEV, T.I.; STREL'TSOVA, S.V.; BRIZINOVA, P.N.; OSTROUMOVA, I.N.;  
KOROLEVA, N.V.

Prevention of lipoid liver degeneration of the rainbow trout  
by adding phosphatides to its diet. Dokl. AN SSSR 156 no. 5:  
1241-1243 Je '64. (MIRA 17:6)

1. Gosudarstvennyy nauchno-issledovatel'skiy institut ozernogo  
i rechnogo rybnogo khozyaystva, Leningrad.

ANNENKOVA, V.Z.; POLUBENTSEV, A.V.; FEDYUKOV, M.A.; KLETS, A.YE.;  
BRIZON, L.P.

Effect of the addition of lime on the quality of metallurgical  
coke from Irkutsk Basin coals containing several sulfides.  
Izv. Sib. otd. AN SSSR no. 10:24-27 '60. (MIRA 13:12)

1. Vostochno-Sibirskiy filial Sibirskogo otdeleniya AN SSSR.  
(Lime) (Coke)

BRIZOVA, J.

Mistakes concerning the nutrition of children. (Supplement).

p. 37 (VYZIVA LIDU) Vol. 12, no. 11, Nov. 1957,  
Praha, Czechoslovakia

SO: Monthly Index of East European Accessions (EEAI) LC, Vol. 7, No. 3,  
March 1958

BRJAKTAREVIC, N.

"Some Special Cases of the General Theorem of Arithmetical Mean" p. 115  
(GLASHIK MATEMATIČIC-FIZIČKI I ASTRONOMSKI, Vol. 8, no. 2, 1953, Zagreb,  
Yugoslavia)

SO: Monthly List of East European Accessions, LC, Vol. 3, no. 5, May 1954/Uncl.

BRJAKTAREVIC, M.

"Solutions of a functional equation." p. 297, (GLASNIK MATE-MATICKO-FIZICKI I ASTRONOMSKI, Vol 8, no. 4, 1953, Geograd, Yugoslavia)

SO: Monthly List of East European Accessions, (EEAL), LC, Vol. 3, No. 12, Dec. 1954, Uncl.



H. BRKIC

"The education of the masses in economics and some problems in connection with the education of economic cadres." p. 179 (EKONOMSKI PREGLED, Vol. 3, no. 12, Dec. 1952, Zagreb, Yugoslavia.)

SO: Monthly List of East European Accessions, L. C., Vol. 2, No. 7, July 1953, Uncl.

ERJEZINSCHI, M.

Application of pneumatic methods to measuring length. p. 42.

METROLOGIA APLICATA

Vol. 2, no. 3, Mar. 1955

Rumania

Source: EAST EUROPEAN LISTS Vol. 5, no. 10 Oct. 1956

COLIC, Svetozar B., ing.; BRKIC, Bogoljub

On the occasion of the tenth anniversary of the Higher Transportation School, now Faculty of Transportation of the University of Belgrade. Brodarstvo. 4 no. 11/12:505-507 Ap-S 61.

BRKIC, Borbe, S. prof. dr.

Current views on clinical and therapeutic aspects of cholelithiasis.  
Med. glas. 18 no.6:161-166 Je-Jl'64.

1. Interna klinika A Medicinskog fakulteta u Beogradu (Upravnik:  
prof. dr. B.S. Brkic)

MITROVIC, Milan, ing.; BRKIC, Dusan, ing.

Hydrotechnic solution of the humidification of extended surfaces by  
a thin layer of water. Vodoprivreda Jug 2 no.7/8:23-26 '59.

(EEAI 10:1)

1. Hidrotehnicki institut "Ing. Jaroslav Cerni," Beograd.  
(Hydraulic engineering) (Water) (Irrigation)

BORELI, Mladen, dr. ing.; BRKIC, Dusan, ing.

Solving problems of potential flowings by the method of tangential polygons and approximative equations for singularities for the application in case of the flowing toward a trapezoid canal.  
Vodoprivreda Jug 2 no.7/8:224-232 '59. (EEAI 10:1)

1. Građevinski fakultet, Beograd (for Boreli). 2. Hidrotehnicki institut "Ing. Jaroslav Cerni," Beograd (for Brkic)  
(Laplace transformation) (Differential equations)  
(Hydraulics) (Canals) (Water)

BRKIC, Djordje.

Effect of ACTH on gastric secretion during night in normal and  
in patients with peptic ulcer. Spr. arhiv lekar 82 no.3:309:327  
Mr '54. (REAL 3:6)

1. II Interna klinika Medicinskog fakulteta u Beogradu, upravnik:  
doc. dr. Djordje Brkic. (Rad je Urednistvo primilo 17-VIII-1953 god.)  
(ACTH, eff.

\*on gastric secretion in normal & in patients with peptic  
ulcer)

(GASTRIC JUICE

\*secretion during night, eff. of ACTH in normal & in  
patients with peptic ulcer)

(PEPTIC ULCER, physiol.

\*gastric secretion during night, eff. of ACTH in normal  
& in patients with peptic ulcer)

BRKIC, Djordje, doc. dr.; BURIJAN, Jovan, asist. dr.; JEVTIC, Zivojin,  
~~asist. dr.~~

Fistula gastrocolica. Srpski arh. celok. lek. 82 no.7-8:968-973  
July-Aug 54.

1. II Interna klinika Medicinskog fakulteta u Beogradu, upravnik:

doc. dr. Djordje Brkic,

(STOMACH, fistula  
gastrocolic)

(COLON, fistula  
gastrocolic)

(FISTULA  
gastrocolic)



BRKIC, Djordje, dr.; POPOVIC, Srbislav, asist. dr.; IVANKOVIC, Dragoslav,  
dr.; STANKOVIC, Sotir, asist. dr.

Rheumatic articular diseases of various etiology with hepatosplenomegaly. Srpski arh. celok lek. 82 no.9:1052-1061 Sept 54.

1. II Interna klinika Medicinskog fakulteta u Beogradu, upravnik  
doc. dr. Djodje Brkic.

(LIVER, dis.

hepatosplenomegaly, with rheum.)

(RHEUMATISM, compl.

hepatosplenomegaly)

(SPLENOMEGALY, compl.

rheum.)

BRKIC, Dj.; IVANKOVIC, D.; POPOVIC, M.

The study of psoriatic arthritis. Srpski arh. celok. lek.  
83 no.7-8:760-768 July-Aug 55.

1. II Interna klinika Medicinskog fakulteta u Beogradu. Upravnik:  
Djordjr Brkic.

(ARTHRITIS, RHEUMATOID,  
psoriatic, etiol., diag. & ther. (Ser))

BRKIC, Djordje; PETKOVIC, Sava; POPOVIC, Srbislav

Clinical aspects and treatment of pheochromocytoma.  
Srpski arh. celok. lek. 83 no.11:1302-1313 Nov 55.

1. II Interna klinika Medicinskog fakulteta u Beogradu.  
Upravnik: prof. dr. Djordje Brkic. Uroloska klinika Medicinskog  
fakulteta u Beogradu. Upravnik: prof. dr. Sava Petkovic.

(PARAGANGLIOMA,  
pheochromocytoma, manifest. & ther. (Ser))

BRKIC, Djordje; IVANKOVIC, Dragoslav

Importance of local foci in the genesis and symptomatology of gastro-duodenal ulcer. Srpski arh. celok. lek. 83 no.12:1421-1431 Dec 55.

1. II Interna klinika Medicinskog fakulteta u Beogradu.  
Upravnik: prof. dr. Djordje Brkic.

(PEPTIC ULCER, compl.

focal infect., pathogen. & manifest. (Ser))

(FOCAL INFECTION, compl.

peptic ulcer, pathogen. & manifest. (Ser))