

BARATS, S. S.

"Reflex Depressor Zone in the Region of the Superior Mesentary Artery," Klin.
Med., 30, No.3, 1952

BARATS, S. S.

BARATS, S.S., kandidat meditsinskikh nauk

Possibility of clinical diagnosis of thromboembolisms of trunks of the renal arteries. Khirurgiia no.5:50-57 My '54. (MLRA 7:7)

1. Iz fakul'tetskoy terapevticheskoy kliniki (sav. prof. B.P. Kushelevskiy) Sverdlovskogo meditsinskogo instituta i terapevticheskogo otdeleniya (sav. S.S.Brats) Berezovskoy rayonnoy bol'nitsy No.1 Sverdlovskoy oblasti.

(KIDNEYS, blood supply

*arterial thromboembolism, diag.)

(THROMBOEMBOLISM,

*renal arteries, diag.)

BARATS, S.S.

BARATS, S.S., kandidat meditsinskikh nauk (Sverdlovsk)

Acute diffuse nephritis. Fel'd. i akush. no.1:21-26 Ja '55.
(NEPHRITIS, (MLRA 8:3)
diffuse)

BARATS, S.S., kandidat meditsinskikh nauk (Sverdlovsk)

Chronic nephritis. Fel'd.1 akush. no.4:17-21 Ap '55. (MLRA 8:7)

(NEPHRITIS,

chronic, etiol., compl. & prev.)

BARATS, S.S. kandidat meditsinskikh nauk (Sverdlovsk)

Prevention and therapy of atherosclerosis. Fel'd. i akush.
no.6:20-24 Jo '55. (MLRA 8:8)

(ARTERIOSCLEROSIS,
prev. & ther.)

KUSHELEVSKIY, B.P., professor.; BARATS, S.S., kandidat meditsinskikh nauk.

Possibilities of in vivo diagnosis of the syndrome of malignant hypertension with stenosing atherosclerosis of the ostium of the renal arteries. Terap. arkh. 27 no.8:43-51 '55. (MLRA 9:5)

1. Iz fakul'tetskoy terapevticheskoy kliniki (zav.-prof. B.P. Kushelevskiy) Sverdlovskogo meditsinskogo instituta.

(HYPERTENSION, complications,
arteriosclerosis stenosing ostium of renal artery,
vital diag.)

(ARTERIOSCLEROSIS, complications,
stenosis of ostium of renal artery with malignant
hypertension, vital diag.)

(KIDNEYS, blood supply,
arteriosclerosis of ostium of renal artery with
malignant hypertension, vital diag.)

BARATS, S.S., kandidat meditsinskikh nauk; IL'INA-PETROVA, S.S.; SHUSHAKOV, A.P.

Morbidity among the professors and instructors in the schools of
higher learning. Sov.zdrav. 15 no.5:49-50 S-O '56. (MIRA 10:1)

1. Iz mediko-sanitarnoy chasti Ural'skogo politekhnicheskogo instituta
imeni S.M.Kirova (Nauchnyy konsul'tant - prof. B.P.Kushelevskiy,
glavnyy vrach S.S.Il'ina-Petrova)

(VITAL STATISTICS

morbidity among professors & instructors in universities
in Russia)

(TEACHERS, dis.
same)

EXCERPTA MEDICA Sec. 17 Vol. 3/11 Public Health Nov. 57
3471: BARATS S.S., ILYINA-PETROVA S.S., SHUSHAKOV A.P. Sverdlovsk,
USSR. "The morbidity among the teaching staff of academic institutions (Russian text) SOVIETSK.ZDRAVCOOKH. 1955, 5 (49-51)

The morbidity of the teaching staff of the Polytechnic Institute of the Urals was studied, principally with regard to loss of working ability due to cardiovascular disorders. The observations were carried out on some 1000 persons during 1953-1955. The cardiovascular disorders were responsible for 36.3% of the total loss of working days in 1953, 24% in 1954 and 1955, and figured as the first cause of temporary disability; the second cause was influenza and acute infections of the upper respiratory tract (14.6% in 1954, 11.2% in 1955). Professors and Assistant Professors formed 45% of the persons disabled by cardiovascular disorder, although their total number was less than 30% of the teaching staff. 68% in 1953 and 53% in 1955 of the cardiovascular diseases were classified as hypertensive and coronary. Less frequent were other myocardial diseases, sclerosis of aorta and of its branches, cardiovascular neuroses etc.

Vavilin - Moscow

KAZAKOV, M.B., glavnyy vrach.; BARATS, S.S., kandidat meditsinskikh nauk.

Activities of a clinical center for athletes; data on the
Sverdlovsk Municipal Center of Therapy and Physical Education.
Sov. med. 20 no.3:85-87 Mr. '56 (MLRA 9:6)

(PHYSICAL EDUCATION AND TRAINING,
med. centers in Russia (Rus))

BARATS, S.S., kand.med.nauk

Effect of meteorological factors on the course of hypertension and coronary disease. Terap. arkh. 29 no.5:94-95 My '57. (MIRA 11:4)

1. Iz medsanchnosti (nauchnyy konsul'tant-prof. B.P. Kushelevskiy)
Ural'skogo politekhnicheskogo instituta imeni S.M.Kirova.

(CORONARY DISEASE, physiology,
climatic factors (Rus)

(HYPERTENSION, physiology,
same)

(CLIMATE, effects,
on coronary dis. & hypertension (Rus)

ROZENBLAT, F.Ya., prof.; BAIATS, S.S., kand.med.nauk; SHCHERBA, N.I.,
ordinator

Comparative evaluation of the curative action of domestic drugs in
stenocardia. Kaz. med. zhur. no.4:67-69 J1-Ag '61. (MLinA 15:2)

1. Kafedra fakul'tetskoy terapii (zav. - prof. B.P.Kushelevskiy)
Sverdlovskogo meditsinskogo instituta i kardiologicheskaya gruppa.
(NITRANOL) (AUTONOMIC DRUGS) (ANGINA PECTORIS)

BARATS, S.S., starshiy nauchnyy sotrudnik; NOVICHKOVA, E.P.

Physical activity, cholesteremia and arteriosclerosis; report No.1.
Kardiologiya 2 no.1:30-36 Ja-F '62. (MIRA 15:5)

1. Iz Kardiologicheskoy gruppy usileniya pri Sverdlovskom institute
fizioterapii, rukovodimoy zasluzhennym deyatелеm nauki prof. B.P.
Kushchevskim.

(CHOLESTEROL METABOLISM) (ARTERIOSCLEROSIS) (WORK)

BARATS, S.S.; MEL'NIKOVA, Z.M.

Hypertension and coronary atherosclerosis among workers of the Ural Machinery Plant. Sov.med. 26 no.8:13-18 Ag '62.

(MIRA 15:10)

1. Iz kardiologicheskoy gruppy usileniya (nauchnyy rukovoditel' - prof. B.P.Kuzhelevskiy) pri Sverdlovskom institute fizioterapii i kafedry organizatsii zdravookhraneniya Sverdlovskogo meditsinskogo instituta (dir. - prof. A.F.Zverev).

(CORONARY HEART DISEASE)

(SVERDLOVSK--MACHINERY INDUSTRY WORKERS--DISEASES AND HYGIENE)

BARATS, S.S., kand. med. nauk; FYTEL', A.Ya., prof.; RATNER, M.Ya., doktor med.nauk; RATNER, N.A., prof.; REYZEL'MAN, S.D., prof. [deceased]; SURA, V.V., st. nauchn. sotr.; TUMANOVSKIY, M.N., prof.; CHERVYAKOVSKIY, N.Ya., prof.; SHCHERBA, M.L., prof. [deceased]; EPSHTEYN, I.M., prof.; TAREYEV, Ya.M., prof., red. toma; OSTROVERKHOV, G.Ye., prof., glav. red.; SHUL'TSEV, G.P., doktor med. nauk, red.

[Multivolume manual on internal diseases] Mnogotomnoe rukovodstvo po vnutrennim bolezniam. Moskva, Medgiz. Vol.9. [Diseases of the kidneys] Bolezni pochek. 1963. 383 p.

(MIRA 16:11)

1. Deystvitel'nyy chlen AMN SSSR (for Tareyev).
(KIDNEYS--DISEASES)

BARATS, S.S., NOVOSIBIRSK, U.S.S.R.

Physical activity and some biochemical indices of the blood in
atherosclerosis. Report No.2. Kardiologiya 4 no.6:37-41 N-2
1966. (MIRA 18:8)

A. kardiologicheskaya gruppy ustoychiva (rukovoditel' - prof. B.P.
Kashchevskiy) pri Sverdlovskom nauchno-issledovatel'skom institute
kardiologii i fizioterapii.

BARAIS, J.A., inzh.

Determining excess heat release for the calculation of machine
room ventilation systems on motorships. Trudy LIVT no.35:
21-29 '62. (MIRA 16:11)

Re: [illegible]

... [illegible] ...
... [illegible] ...
... [illegible] ...

(U) (S)

BARATS, Ya.I.

Single-pitch hob for cutting double-pitch worm gears.
Mashinostroitel' no.4:22 Ap '63.
(Gear-cutting machines)

(MIRA 16:5)

ACC NR: AP7005661

(A, N)

SOURCE CODE: UR/0413/67/000/002/0118/0118

INVENTOR: Shmatkov, N. A.; Barats, Yu. M.; Aleksa, A. K.; Pesok, V. I.;
Metlyakova, V. N.; Zubchenko, A. G.

ORG: None

TITLE: A pneumatic fluid number-generating display with decoder. Class 42, No. 190669 [announced by the Institute of Mining Mechanics and Technical Cybernetics im. M. M. Fedorov (Institut gornoy mekhaniki i tekhnicheskoy kibernetiki)]

SOURCE: Izobreteniya, promyshlennyye obraztsy, tovarnyye znaki, no. 2, 1967, 118

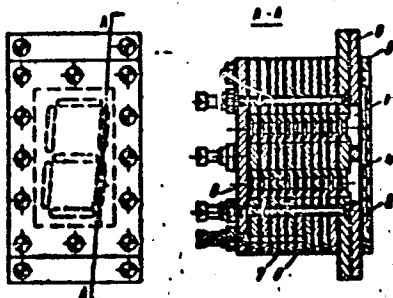
TOPIC TAGS: pneumatic device, number, digital decoder, ~~digital display equipment~~

ABSTRACT: This Author's Certificate introduces a pneumatic fluid number-generating display with decoder, consisting of the number-generating display itself, which contains rods and a guide plate with a transparent screen, and the decoder which is made in the form of a stack of plates with holes making communication channels together with diaphragms which have rigid centers. Clear number images of high contrast are produced by using a colored diaphragm separated from the transparent screen by an opaque fluid. Behind the diaphragm are rods which press the diaphragm against the screen.

Card 1/2

UDC: 681.142-525

ACC NR. AP7005661



1—rod; 2—flexible diaphragm; 3—transparent screen; 4—opaque fluid; 5—guide plates; 6—plate; 7—diaphragm; 8—rod

SUB CODE: 13, 14/ SUBM DATE: 19Jul65

Cord 2/2

BARATYANTS, M. N.

A useful booklet ("Labor protection and safety engineering" by
N.F.Kupriianenko. Reviewed by M.N.Baratiants). Razved.i okh
nedr. 26 no.5:64 My '60. (MIRA 13:7)
(Prospecting--Safety measures)
(Kupriianenko, N.F.)

BESTALOV, I. G., KUPCHOVA, V. M., SRIFENTSEV, I. G.

Sulfonamides

Clinical application of "streptoalcohol." Klin. med. 30 No. 7, 1952.

9. Monthly List of Russian Accessions, Library of Congress, December 1952 ~~1953~~, Uncl.

BARAUSKAS, A. P., Candidate Tech Sci (diss) -- "Investigation of an air transformer as a phase-shifting instrument". Kaunas, 1959. 14 pp (Min Higher Educ USSR, Kaunas-Polytech Inst), 150 copies (KL, No 26, 1959, 125)

BARAUSOV, A.A., inzh. [deceased]; RASKIN, I.G., inzh.

Universal steel forms for manufacturing reinforced concrete
columns and collar beams. Elek. sta. 33 no.8:26-28 Ag '62.
(MIRA 15:3)

(Reinforced concrete construction)

KOPIT, B.S.; MIKHAYLOV, A.V.; CHLENOV, A.F.; IDOV, P.I.; YUKHNOV, I.I.;
TSARSKIY, S.V.; BARANOV, V.A.; PETROV, A.I.; LIFSHITS, L.Z.;
ABATUROV, K.I.; SOKOL'SKAYA, Zh.M.; MEZHEVICH, V.N.; DAVYDOV,
L.I.; VLASIKHIN, A.V.; CHEKALOV, L.N.; STARICHKOV, T.I.;
KHUBLAROV, A.Ye., red.; PITERMAN, Ye.L., red.izd-va; PARAKHINA,
N.L., tekhn.red.

[Our beacons; collection of articles on progressive workers in
lumber, paper, woodworking industries and forestry] Nashi maiaki;
sbornik ocherkov o peredovykh liudiakh lesnoi, bumazhnoi i derevo-
obrabatyvaiushchei promyshlennosti i lesnogo khoziaistva. Moskva,
Goslesbumizdat, 1961. 125 p. (MIRA 15:2)

(Forests and forestry) (Wood-using industries)

BARAVASHOVA, G. N.

"Preparation of Ketones from Cyclohexanone and the Possibility of Using them for the Synthesis of Alcohols according to Grignard." Kabanovskiy, N. S. and Baravashova, G. N. (Lab. Org. Chem, Gor'kiy State U) (p. 2028)

SC: Journal of General Chemistry, (Zhurnal Obshchei Khimii) 1949, Vol XIX, No. 11.

BARAVIK, O.

BARAVIK, O., starshy navukovy rabotnik.

The treasury of the arts. Rab. i sial. 34 no.1:12-13 Ja '58.
(MIRA 11:1)

1. Dzyarzhauny mastatski muzey BSSR.
(Minsk--Art--Galleries and museums)

KAKHNEKA, S.V.; BARAVIK, Ye.A.

~~Transplanting young eels to the bodies of water of White Russia. Vestsi
AN BSSR. Ser. biial. nav. no.1:75-90 '57. (MIRA 10:6)
(White Russia--Eels)~~

1 05226-67 EPC(m)/MP(t)/EPI LDP(c) JD

ACC NR: AR6031881

SOURCE CODE: UR/0058/66/000/006/E085/E085

AUTHOR: Kal'venas, S. P.; Pozhela, Yu. K.; Parshelyunas, I. V.; Versotskas, A. P.; Baravikas, V. V.

TITLE: Warmup of current carriers and their recombination on the surface of germanium in strong electric fields

SOURCE: Ref. zh. Fizika, Abs. 6E657

REF SOURCE: Lit. fiz. sb., v. 5, no. 4, 1965, 529-542

TOPIC TAGS: current carrier warming up, current carrier recombination, current carrier concentration, germanium

ABSTRACT: It has been ascertained that in n-Ge, starting with fields of the order of 1 kv/cm, considerable variations in carrier concentrations take place owing to the field dependence of the hot carrier recombination rate on the surface. In cases when mechanical defects or recombination centers related to the presence on the surface of dry oxide exists on the surface; there occurs a growth of current carrier concentration caused by the field. In the case of "neutralization" of the oxide recombination centers by water molecules, current carrier concentration in the

Card 1/2

ACC NR: AR6031881

specimen decreases considerably. An increase in the coefficient of ambipolar diffusion of current carriers with the field has been detected in the 1-4 kv/cm field range. It is demonstrated experimentally that regardless of the type of the current carrier determining the surface conductivity of Ge etched in hydrogen peroxide, the degree of current carrier heat-up at the surface is lower than within the bulk. [Translation of abstract]

SUB CODE: 20/

Card 2/2 *20/*

ABANOVICH, A.A.; SKAVINSKIY, N.A.; BARAY, N.A.

Rodent control. Zdrav. Belor. 6 no. 5:52 My '60. (MIRA 13:10)

1. Iz Baranovichskoy gorsanepidstantsii.
(BARANOVICHI--RODENT CONTROL)

1. K. R.

1. K. R.

1. K. R.

BARAYANTS, A.A.; SMILLER, M.R.; KOLESNIK, M.K.; BALYUK, O.N.; SINADSKIY, N.Ye.,
kand.med.nauk; GLUZMAN, Yu.D.; RUDENKO, G.D., kand.med.nauk; AKIMOVA,
Ye.A., promyshlennyy vrach; SIDENKO, K.I.

Discussions. Vop. travm. i ortop. no.13:47-60 '63.

(MIRA 18:2)

1. Glavnyy vrach lechebnogo ob"yedineniya shakhty "Dolinskaya", kombinata "Sakhalinugol'" (for Barayants).
2. Zaveduyushchiy Yuzhno-Sakhalinskim gorodskim travmatologicheskim punktom (for Smiller).
3. Kholmskoye upravleniye stroitel'noye upravleniye Sakhalinshakhtostroya (for Kolesnik).
4. Doverennyy vrach Dorozhnogo komiteta professional'nogo soyuza rabochikh zheleznodorozhnogo transporta (for Balyuk).
5. Irkutskiy gosudarstvennyy nauchno-issledovatel'skiy institut travmatologii i ortopedii (for Sinadskiy).
6. Starshiy inspektor Gosudarstvennoy avtomobil'noy inspeksii (for Gluzman).
7. Leningradskiy nauchno-issledovatel'skiy institut travmatologii i ortopedii (for Rudenko).
8. Glavnyy vrach meditsinskogo ob"yedineniya goroda Shakhterska, Sakhalinskaya oblast' (for Sidenko).

SHKATOV, Ye.F.; MAKLASHIN, Z.I.; VESELOV, A.N.; BARAYEV, A.A.

Dynamic braking of asynchronous motors with a short-circuited
rotor. Biul.tekh.-ekon.inform.Gos.nauch.-issl.inst.nauch.i
tekh.inform. 18 no.1:45 Ja '65. (MIRA 18:4)

L 23185-66 EWT(d)/EWP(1) IJP(c) BB/GG

ACC NR: AP6004849

SOURCE CODE: UR/0119/66/000/001/0012/0013

AUTHOR: Barayev, A. A. (Engineer)

ORG: none

TITLE: Information processor 166

SOURCE: Priborostroyeniye, no. 1, 1966, 12-13

TOPIC TAGS: information processing, computer switching, computer technology, computer component

ABSTRACT: The development is described of a special complex switch for converting the information coming from a standard voltage-to-code converter into a form suitable for a computer ("Ural" or "Minsk") or a tape puncher. Essentially, the processor comprises a clock-pulse generator, a ring counter, a decoder, a logical circuit, and pulse shapers and amplifiers. Both electron tubes and semiconductor devices were used in an experimental model. A block diagram for connecting the processor to external circuits and a time-sequence diagram of its operation are supplied. Orig. art. has: 2 figures.

SUB CODE: 09 / SUBM DATE: none

Card 1/1 IJC

UDC: 681.142.62.621

40
B

BARAYEV, A.I.

Arrangement of planting areas and crop rotations on grain farms of northern Kazakhstan. Zemledelie 8 no.7:14-19 $\sqrt{1}$ '60. (MIRA 13:9)

1. Direktor Kazakhskogo nauchno-issledovatel'skogo instituta zernovogo khozyaystva; chlen-korrespondent Vsesoyuznoy akademii sel'skokhozyaystvennykh nauk im. V.I. Lenina.

(Kazakhstan --Rotation of crops)

BARAYEV, A.I.

[Basic regulations for the control of soil erosion caused
by water and wind] Osnovnye polozenia po bor'be s vodnoi
i vetrovoi eroziei pochv. Moskva, Sel'khozizdat, 1962. 71 p
(MIRA 16:10)

(Erosion)

BARAYEV, A.I.; ZAYTSEVA, A.A., kand.sel'skokhozyaystvennykh nauk

System of tillage implements and sowing machines for the Virgin Territory. Zemledelie 24 no.3:22-30 Mr '62 (MIRA 15:3)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut zernovogo khozyystva. 2. Chlen-korrespondent Vsesoyuznoy akademii sel'skokhozyaystvennykh nauk i.e. i Lerina (for Barayev).
(Virgin Territory--Agricultural machinery)

BARAYEV, A. I.

Important problems of the agriculture in virgin lands. Zemledelie
26 no.1:46-55 Ja'64. (MIRA 17:5)

1. Direktor Vsesoyuznogo nauchno-issledovatel'skogo instituta
zernovogo khozyaystva, chlen-korrespondent Vsesoyuznoy akademii
sel'skogo khozyaystva imeni Lenina.

BARAZ, A.N.; SHMIDT, A.A.; ZAYONCHKOVSKIY, I.V.

Assembling equipment and pipelines using consolidated units.
Stroi. truboprov. 8 no.12:20-22 D '63. (MIRA 17:4)

1. Stroitel'noye upravleniye No.14 Svarochno-montazhnogo
tresta, Tashauz. 2. Vsesoyuznyy nauchno-issledovatel'skiy institut
po stroitel'stvu magistral'nykh truboprovodov (for Shmidt).

STOYANOVICH, O.; VLASOV, B.; STAL'NICHENKO, V. (Ukraine); DVORNICHENKO, S.
(Ukraine) BARAYEV, I. (Leningrad); ISAYEV, N. (Moskva); TARASHCHENKO, V.
(Ukraine); ANTONOV, G. (Moskva)

Champions are talking. Pozh. delo 5 no.10:14-15 0 '59.
(MIRA 13:2)

1. L'vovskoye pozhar'no-tekhnicheskoye uchilishche (for Stoyanovich).
2. Khar'kovskoye pozhar'no-tekhnicheskoye uchilishche (for Vlasov).
(Physical education and training)

BARAYEV, Kh.A.

Technology of the open-furrow cotton irrigation with interrows of various width. Izv. Akad. Nauk Turk. SSR, Ser. biol. nauk no.6:40-47 '61.
(MLA 15:1)

1. Institut zemledeliya Ministerstva sel'skogo khozyaystva Turkmenskoy SSR.

(COTTON IRRIGATION)

PARANEV, P.

Noiseless engines. No 4.

Tankist, No 12, 1948.

BARANOV, P.

The vital support of tanks and infantry in night attacks. No 6.
Rankist, No 12, 1948.

BARAYEV, S.V.

Research carried out by the industrial hygiene and safety laboratory at the Novotagil'skiy Metallurgical Combine. Metallurg. 9 no. 10:27 0 '64 (MIRA 19:1)

BARAYEV, S.V.

Laboratory of labor protection and safety measures at the
Nizhny Tagil Metallurgical Combine. Metallurg 8 no.5:34
My '63. (MIRA 16:7)

1. Nachal'nik laboratorii okhrany truda i tekhniki bezopasnosti
Nizhne-Tagil'skogo metallurgicheskogo kombinata.
(Iron and steel plants--Safety measures)

1. BARAYEV, V. A.
2. USSR (600)
4. Mining Engineering
7. Letter to the editor. Gor zhur No 12 1952.

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

ANDREYEV, Yu.P.; SAMIORKIN, I.A.; PANCHENKOV, G.M.; FARAYEV, V.V.

Dissociation of carbon dioxide in the silent electric discharge.
Zhur. fiz. khim. 38 no.3:294-297 Mr '64. (MIRA 17:7)

1. Moskovskiy gosudarstvennyy universitet imeni M.V. Lomonosova.

BARANTVA, G. N.

"Is the Lysis Phenomenon Identical with Autolysis in Fungi?"

Dok. An., 34, No 9, 1941 (Mbr Dept. Microbiology, State Univ. Saratov 1941)

BARAYEYVA, YE. V.

Barayeva, Ye. V. "Kazakhstan feed, its composition and food value," Trudy
Otd. kormleniya (Kazakh. filial Vsesoyuz. akad. s.-kh. nauk im Lenina, In-t
zhivotnovodstva), Issue 1, 1948, p. 5-53

SO: U-3264, 10 April 53 (Letopis 'Zhurnal 'nykh Statey, No. 4, 1949).

BARAZ, L.A.; PROKOPENKO, V.G., zaveduyushchiy; VISHNEVSKIY, A.A., chlen-korrespondent Akademii meditsinskikh nauk SSSR, direktor.

Functional state of interoceptors in disturbances of intestinal blood circulation. Vop.fiziol.int. no.1:75-84 '52.
(MLDA 6:8)

1. Fiziologicheskaya laboratoriya Instituta khirurgii im. A.V.Vishnevskogo Akademii meditsinskikh nauk SSSR (for Prokopenko).
2. Institut khirurgii im. A.V.Vishnevskogo Akademii meditsinskikh nauk SSSR (for Vishnevskiy).
3. Akademiya meditsinskikh nauk SSSR (for Vishnevskiy).
(Nervous system) (Blood circulation) (Intestines)

BARAZ, L.A.

Stimulating effect of some monovalent ions on intestinal receptors;
general characteristics of the effects and disposition of the cation
series. Dokl. AN SSSR 139 no.1:234-237 J1 '61. (MIRA 14:7)

1. Institut normal'noy i patologicheskoy fiziologii AN SSSR.
Predstavleno akademikom V.M. Chernigovskim.

(INTESTINES--INNERVATION) (ALKALI METALS--PHYSIOLOGICAL EFFECT)
(AMMONIA--PHYSIOLOGICAL EFFECT)

BARAZ, L.A.

Sensitivity of the receptors of the small intestine to potassium ions. Dokl. AN SSSR 140 no.5:1213-1216 0 '61.

(MIRA 15:2)

1. Institut normal'noy i patologicheskoy fiziologii AMN SSSR. Predstavleno akademikom V.N.Chernigovskim.

(INTESTINES...INNERVATION)

(POTASSIUM---PHYSIOLOGICAL EFFECT)

BARAZ, L.A.; KHAYUTIN, V.M.

Differentiation of the effect of chemical stimuli on the receptors
and on the sensory fibers on the small intestine. Fiziol. zhur. 47
no.10:1289-1297 0 '61. (MIRA 15:1)

1. From the Institute of Normal and Pathologic Physiology of U.S.S.R.
Academy of Medical Sciences, Moscow.
(INTESTINES...INNERVATION) (CHLORIDES...PHYSIOLOGICAL EFFECT)

BARAZ, M.V., inzhener.

Using organic glass in chrome plating baths. Stro.i dor.mashinostr.
1 no.10:29-30 0 '56. (MLRA 9:11)

(Chromium plating)

BARAZ, I.V.

BARAZ, M.V., inzhener.

Pneumatic hoists for setting workpieces subjected to high-frequency
heat treatment. Stroi.i dor.mashinostr. 2 No.7:35-36 J1 '57.

(Hoisting machinery) (Electric heating)

(MLRA 10:7)

BARAZ, M.V., inzhener.

Heat treatment of slot nuts by means of high-frequency current.
Stroi. i dor. mashinostr. 2 no. 4:30-31 Ap '57. (MLRA 10:6)
(Bolts and nuts) (Steel--Heat treatment)

BAND, H.V.

Faculty required equipment. 111. (info. no. 12:76-77) 1: 141.

(2011: 11: 8)

BAPAZ, M.V., inzh.

Investment casting shop. Mashinostroenie no. 5/20-72
S-0 '65. (MISA 18:9)

TITARENKO, M.P.; BARAZ, S.Ye.

Age-related characteristics of vasomotor reactions during
ultraviolet irradiation. Vop. geron. i geriat. 4:224-246
'65. (MIRA 18:5)

1. Institut gerontologii AMN SSSR i Klinicheskaya bol'nitsa
imeni Oktyabr'skoy revolyutsii, Kiyev.

BARAZ, V.I.

Equipment of condensed gas deposits. Stroi. truboprov. 7 no.4:
20 Ap '62. (MIRA 15:5)

1. Master stroitel'no-montazhnogo upravleniya No.3 tresta
Yuzhgazprovodstroy, st. Starc-Minskaya.
(Condensate oil wells)

BARAZ, V.I., inzh.

Drawing off exhaust gas from drilling machinery engines.
Bezop. truda v prom. 8 no.9:41-42 S '64 (MIRA 18:1)

BARAZ, V.I., inzh.; MISHANIN, B.S., inzh.

Raise the standard of work at petroleum and gas industry enterprises. Bezop. truda v prom. 8 no.11:19-22 N '64.

(MIRA 18:2)

ACC NR: AP6021071

(A)

SOURCE CODE: UR/148/66/060/006/0131/0136

AUTHOR: Zuboy, V. Ya.; Baraz, V. R.

ORG: Ural Polytechnic Institute (Ural'skiy politekhnicheskiy institut)

TITLE: Features of the structure and properties of cobalt-treated patented wire

SOURCE: IVUZ, Chernaya metallurgiya, no. 6, 1966, 131-136

TOPIC TAGS: cobalt treated steel, patented wire, mechanical property, temperature dependence, phase composition / 75K2 steel, 75K3 steel, 75K4 steel, U8A steel

ABSTRACT: Considering that cobalt markedly accelerates the decomposition of supercooled austenite, the study of the effect of treatment with cobalt on the mechanical properties of patented wire is of major interest. Accordingly, the authors investigated Co-treated steels 75K2, 75K3 and 75K4 (containing 1.84, 2.16 and 4.11% Co, respectively), along with Co-free U8A steel, that were austenitized at 950°C for 3 min and subsequently patented in a lead bath at 350, 400, 450, 500, 550 and 600°C for 1 min in each case. A study of the isothermal transformation of supercooled austenite established a characteristic feature which was absent only in the Co-free steel: a distinct second peak occurs on the kinetic curve of decomposition of the

Cord 1/3

UDC: 621.771.42:621.181.4

ACC NR: AP6021071

austenite; this means transformation of the austenite in the upper and intermediate regions of subcritical temperatures. The curves of mechanical properties as a function of lead-bath temperature display an unusual shape (Fig. 1): as the patenting temperature increases, the

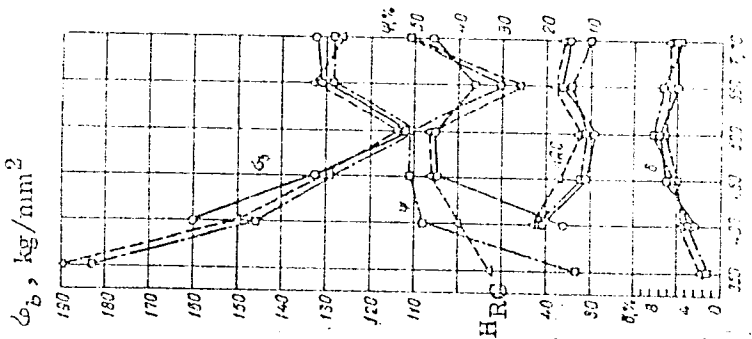


Fig. 1. Effect of lead-bath temperature on the mechanical properties of patented wire:
○ - 75K2; □ - 75K3; △ - 75K4

Card 2/3

ACC NR: AP6021071

strength of specimens at first decreases but later rises and reaches a maximum, after which it decreases again. When the temperature reaches 500°C the structure of the specimens becomes transformed into a coarse bainitic structure consisting of acicular ferrite and a ferrite-carbide mixture. Hence the decomposition follows the pattern of both pearlitic and intermediate types of transformation. At >550°C there forms a gradually increasing proportion of sorbite. Patenting temperature influences greatly the mechanical properties of Co-treated wire, as was revealed by tests of cold-drawn wire specimens that had been patented at 450, 500 and 600°C (1.2 min). The specimens displaying the highest strength and plasticity proved to be those patented at 600°C (i. e. specimens with sorbitic structure): their strength indices are 40-50 kg/mm² higher than those of Co-free U8A steel, and their plasticity then still remained at a satisfactory level. Thus, treatment of steel with cobalt enhances the strength properties of cold-drawn wire compared with Co-free wire and the plastic properties of Co-treated steel are not inferior to those of carbon steel. Orig. art. has: 6 figures, 1 table.

SUB CODE: 11, 20, 13/ SUBM DATE: 08Oct64/ ORIG REF: 002/ OTH REF: 001

Card 3/3

L 44392-66 EWT(m)/I/EWP(t)/EII IJP(c) JD
ACC NR: AP6023046 SOURCE CODE: UR/0148/66/000/004/0128/0132

AUTHOR: Zubov, V. Ya.; Popova, L. Ye.; Baraz, V. R.

42
41

ORG: Ural Polytechnic Institute (Ural'skiy politekhnicheskii institut)

TITLE: Effect of manganese and silicon on the transformation of supercooled austenite in cobalt steel 16 27 27 16

SOURCE: IVUZ. Chernaya metallurgiya, no. 4, 1966, 128-132

B

TOPIC TAGS: cobalt steel, alloy steel, manganese, austenite transformation, temperature dependence, metallographic examination, metal hardening

ABSTRACT: The effects of manganese and silicon additions on the transformation characteristics of cobalt steel were studied. A 0.7% carbon steel was alloyed with Co, Co and Si, or Co and Mn; in all, 9 alloys were tested. Isothermal transformation curves are given for each steel. The steels were austenitized at 900°C for 3 min. Cobalt with or without other alloying elements decreased the stability of austenite in all subcritical temperature intervals. Intermediate transformations occurred in all steels. Cobalt promoted the formation of a thin ferrite-carbide mixture with a high degree of hardness. Depending on the austenitic transformation temperature in the subcritical region, different methods could be developed for forming a definite type of structure having particular properties: a) sorbite at transformation temperatures of 550-650°C;

UDC: 669.15-194:669.25:620.181

Card 1/2

1. 44392.66

ACC NR: AP6023046

b) a mixture of trootsite and bainite at 450-500°C; and c) bainite at temperatures below 400°C. Microstructures of each of the above transformation products were shown. The hardnesses of transformation products formed at 400-600°C are given for 6 of the steels. The hardness change as a function of transformation time went through a maximum at 0.5 min for transformation temperatures of 400, 450 and 500°C. This was explained by the diffusion decomposition of supersaturated ferrite; the decomposed carbon entered the untransformed austenite which gave off carbides. This also accounted for the lower hardness of martensite formed during subsequent quenching. Orig. art. has: 3 figures, 2 tables.

SUB CODE: 11/

SUBM DATE: 26Mar65/

ORIG REF: 002/

OTH REF: 002

Card 2/2 *egle*

KOVACS, A., Conf.; HORVATH, A., Conf.; MODY, E., dr.; KERÉKES, dr.;
SZAKACS, B., dr.; BARAZS, M., dr.

Diagnostic value of electrophoretic methods in endocarditis.
Med. int., Bucur. 8 no.3:452-459 July 56.

(ENDOCARDITIS, diagnosis
electrophoresis, method & diag. value)
(ELECTROPHORESIS
diag. value in endocarditis)

S/001/63/001/001/009/061
B101/B186

AUTHORS: Barb, D., Bucur, R., Olariu, A.

TITLE: Distillation of isotope mixtures under pregiven conditions

PERIODICAL: Referativnyy zhurnal. Khimiya, no. 1, 1963, 67, abstract
1B441 (Studii si cercetari fiz. Acad. RPR, v. 12, no. 4, 1961,
879 - 891 [Rom.; summaries in Russ. and French])

TEXT: The distillation of binary mixtures under adiabatic and non-adiabatic conditions is discussed on the basis of an analysis of equations used in the theory of rectification of ideal mixtures. The equations found are expanded to the rectification of three-component mixtures. It is noted that an appropriately controlled, non-adiabatic process gives better results than an adiabatic one for small rectifying plants. The theoretical assumptions were experimentally checked by rectification in the system $H_2O - H_2O - D_2O$. [Abstracter's note: Complete translation.]

Card 1/1

BARB, D.; BUCUR, R.; CLARIU, A.

Distillation of isotopic mixtures under profiled conditions. Studii cerc fiz 12 no.4:879-891 '61.

1. Institutul de fizica atomica, Sectia Cluj.

TAKATSY, Gy.; BARB, K.; FARKAS, E.

The antigenic structure of the influenza virus strains isolated in Hungary in 1957. Acta microb. hung. 5 no.3:87-96 1958.

1. State Institute of Hygiene, Budapest.
(INFLUENZA VIRUSES, imminol.
antigenic structure of strains isolated in Hungary in 1957)

FERENCZ, Pal; BARB, Katalin

Mass influenza A infection appearing with the symptoms of food poisoning. Orv. hetil. 99 no.4:127-129 26 Jan 58.

1. Az Orszagos Kozegeszsegugyi Intezet es a Iaszlo Korhaz kozlemenye.
(INFLUENZA, in inf. & child
A, epidemic outbreak simulating food pois. (Hun))
(FOOD POISONING, in inf. & child
epidemic influenza A outbreak simulating food pois. (Hun))

TAKATSY, Gy.; BARB, K.

On the normal serum inhibitors for the avid Asian strains of influenza virus. Acta virol. Engl. Ed., Praha 3(Supplem.):71-77 1959.

1. State Institute of Hygiene, Budapest.
(INFLUENZA VIRUSES, immunology)

TAKÁCSY, Gy.; NARB, K.; FARKAS, E.

A new erythrocyte receptor with exclusive affinity to avid Asian strains of influenza A virus. Acta virol. Engl. Ed., Praha 3(Supplem.): 79-84 1959.

1. State Institute of Hygiene, Budapest.
(INFLUENZA VIRUSES, immunology)

FARB, K.; FARKAS, E.; ROMVANI, J.; TAKATSY, G.

Comparative study of influenza virus strains isolated from domestic animals in Hungary. Acta virol. 6 no.3:207-213 My '62.

1. State Institute of Hygiene, Budapest, and Veterinary Research
Institute of the Hungarian Academy of Sciences, Budapest.
(INFLUENZA VIRUSES) (SWINE virus)

10/17/71

U.S. DEPT. OF STATE, OFFICE OF THE ASSISTANT SECRETARY FOR PUBLIC AFFAIRS, DIVISION OF INFORMATION OPERATIONS

MEMORANDUM FOR THE RECORD

DATE: 10/17/71

Subject:
A review of
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BAKACS, T.; BARB, Katalin; KUBINYI, L.; TAKATSY, Gy.

Vaccination against influenza in Hungary. 1961-1962. Acta microbiol.
acad. sci. hung. 9 no.4:381-390/'62.

1. State Institute of Hygiene (Director: T. Bakacs), Budapest.
(INFLUENZA VACCINE)

BARB, Katalin; KOTELIS, G.D.; ANTONI, F.; TAKATSY, Gy.

Studies on the nucleic acid metabolism of choriocallantoma
membrane cells after influenza virus infection. *Acta microbiol.*
acad. sci. Hung. 11 no.2:185-192 '64.

1. State Institute of Hygiene (Director: T. Bakacs), Budapest, and
State Institute for Radiobiological Research "Frederic Joliot
Curie" (Director: V. Varteress), Budapest.

1979, ...

Is technical waste available in timber production? p.259.

INDUSTRIA LUMINII. (Activitate Stiintifica si Inginerilor si Tehnicienilor
din cadrul si Ministerul Industrii Electrice)
Bucuresti, Romania
Vol. 4, no. 7, July 1979.

Monthly list of Eastern European Accession Index (EAI) IC vol. 4, no. 11
November 1979
Encl.

PARSONS, Inc.

As a result of the above information, it is recommended that the

BARBA, N., ing.

Wood decoration, aspects of the problem. Ind lemmuni 15
no.10:401-403 0 '64.

ACCESSION NR: AP3001483

S/0079/63/033/005/1504/1507

AUTHOR: Barba, N. A.

TITLE: Synthesis of p-nitrostyrene from styrene

SOURCE: Zhurnal obshchey khimii, v. 33, no. 5, 1963, 1504-1507

TOPIC TAGS: p-nitrostyrene, styrene, aminostyrene, graft polymers, chelate-forming polymers, chromatographic purification

ABSTRACT: p-Nitrostyrene is an intermediate in the preparation of aminostyrene which is of interest for the preparation of graft and chelate-forming polymers. An improved preparation of it was developed in which styrene is brominated in nearly quantitative yield, the dibromide nitrated with fuming nitric acid in acetic acid-acetic anhydride at 0-5 degrees (52% yield), and the nitrocompound debrominated with zinc dust in methanol (67% yield). Chromatographic purification gave p-nitrostyrene which did not darken in storage. Orig. art. has: 3 figures.

ASSOCIATION: Kishinevskiy gosudarstvennyy universitet (Kishinev State University)

~~Card 1/2~~

SHUR, A.M., dotsent; BARDA, N.A.

Synthesis of p-aminotyrono. Uch.zap.Kish.un. 68:79-81 '63
[cover '64]. (HIRA 18:12)

L 41585-65 EWT(m)/EPF(o)/EPR/EWP(j)/EWA(o) Pc-4/Pr-4/Ps-4 RPL WW/RM
ACCESSION NR: AP5009019 6/0366/65/001/002/0260/0261
AUTHORS: Shur, A. M.; Barba, N. A. 30
TITLE: n-Nitrostyrene. 2. 8
SOURCE: Zhurnal organicheskoy khimii, v. 1, no. 2, 1965, 260-261
TOPIC TAGS: nitrostyrene, sodium, potassium, acetone
ABSTRACT: A method was developed for dehalogenizing n-nitrodihalogenostyrenes to n-nitrostyrene by the use of potassium and sodium iodides in a dimethylformamide medium and also by using acetone. For n-nitrodibromostyrene, the n-styrene yield reached 94%. The n-nitrostyrene yield from n-nitro (α, β -dichlorostyrene) was 69%. It was thus found that, under the action of potassium iodide, the dehalogenization of n-nitro (α, β -dichlorostyrene) is more difficult than that of n-nitrodibromostyrene.
ASSOCIATION: Kishinevskiy gosudarstvennyy universitet (Kishinev State University)
SUBMITTED: 27Aug63 ENCL: 00 SUB CODE: 00
NO REF SOV: 002 OTHER: 004
Card 1/1

BARBA, Valentin, ing.

A new electric device for measurements in agriculture.
St si Teh Buc 14 no. 8:33 Ag '62.

1. Research Institute for Mechanization of Agriculture.

BARBA, Ye.I.

Clinical evaluation of AVB reaction in Botkin's disease. Klin. med.,
Moskva 31 no.2:72 Feb 1953. (CML 24:3)

1. Of the Hospital Therapeutic Clinic of the Therapeutic Faculty of
Odessa Medical Institute imeni N. I. Pirogov.

BARBA, Ye.I.

Effectiveness of mercaptoimidazole in thyrotoxicosis [with summary in English].
Probl. endok. i gorm. 3 no.6:99-101 N-D '57. (MIRA 11:3)

1. Iz kliniki gospiatal'noy terapii (zav.-prof. M.A.Yasinovskiy)
lechebnogo fakul'teta Odesskogo meditsinskogo instituta imeni
N.I.Pirogova (dir.-prof. I.Ya. Deyneka).
(THYROID ANTAGONISTS, therapeutic use,
1-methyl-2-mercaptoimidazole in hyperthyroidism (Rus)
(HYPERTHYROIDISM, therapy,
1-methyl-2-mercaptoimidazole (Rus)
(IMIDAZOLES, therapeutic use,
1-methyl-2-mercaptoimidazole in hyperthyroidism (Rus)

BARBA, Ye.I.; ZELENova, N.B.

Acute dilatation of the atrium sinistrum. Vrach.delo no.6:643-645
Je '59. (MIRA 12:12)

1. Kafedra gospital'noy terapii (zav. - zasluzhennyi deyatel' nauki,
prof. M.A. Yasinovskiy) Odesskogo meditsinskogo instituta i patologo-
anatomicheskoye otdeleniye gorodskoy klinicheskoy bol'nitsy.
(HEART---DISEASES)

MASIK, M.G., dotsent; BARBA, Ye.I., dotsent

Comparative evaluation of the effectiveness of ~~some~~ methods of
treating lymphogranulomatosis. Problemy gemat. i perel. krovi 8
no.8:57 Ag '63. (MIRA 17:8)

1. Iz kafedry propedevticheskoy terapii (zav. -- dotsent M.G.
Masik) Ternopol'skogo meditsinskogo instituta.

BARONCU, I.; ANDRIU, G.

Construction of a reinforced-concrete hammer with thin shells of double curvature, with a span of 0.13 m. 43.

A. VASILE G. SINDRACIUC SI A. ANDRIU. BAZILICA DE C. SINDRACIUC. (Comunicatii Stiintifice si Inginerilor si Tehnicienilor din Domeniul si Ministerul Constructiilor si al Materialelor de Constructii) Bucuresti, Romania Vol. 11, no. 1, sept. 1967.

Monthly List of Eastern European Accession Index (EELI) 10 Vol. 1, No. 11 November 1969
Incl.

BARBARCHUK, V.I.; LEVIN, V.N.

The MF-113 vertical press-fitting and broaching machine.
Bibl. tekhn.-ekon. inform. Gos. nauch.-issl. inst. nauch.
i tekhn. inform. 18 no.10:27-28 0 '65. (MIRA 18:12)

BARDACI, G.

"Changes in the Zemplak Cooperative."

p. 8 (Per Bujqesine Socialiste) Vol. 12, no. 1, Jan. 1958.
Tirane, Albania

SO: Monthly Index of East European Accessions (MEMI) LC. Vol. 7, no. 4,
April 1958

608280K1
 ZA

PROCESSES AND PROPERTIES OF...

11-D

Further studies on inheritance and variability of nitrogen content in the grain of barley. Stefan Barbacki *Polish Agr. Forest Ann.* 49, 207-215 (1947). Summary of previous investigations of B. (C.L. 29, 8054). Six-rowed barley with naked light green grain of high protein content, originating in the Himalayas, was crossed with two-rowed husked European barley of low-protein yield. Some correlation of protein content and morphological as well as other physiological factors could be established. On the whole, varieties yielding more protein also yielded more straw. Highest protein content to be expected is about 14-15%. Fertilizer rich in N lowered the capacity of the hybrids to produce seeds with high-protein content.
 A. Kotler

ASAC 33.8 METALLOGICAL LITERATURE CLASSIFICATION

ASAC 33.8222

ASAC 33.8222

BARBACKI, S.

Polish Technical Abstracts
No. 4, 1953
Agriculture, Food Processing
Industry, Forestry, Fisheries

2170

• Barbacki S. Combined Experiments.

63152/53

„Dziwładowa Kambinawana, Warszawa, 1951, PWRL, 15”,
96 pp., 5 tabs.

The estimation of the accuracy and interpretation of certain simple experiments constitutes an introduction to the evaluation of combined experiments. Orthogonal arrangements were worked out on fragments of combined experiments relative to the influence of the sowing time and plant density in relation to yields of various lupine species and varieties. Combined experiments were prepared for studying 2 and 3 factors. Combined pot experiments. Fertilization experiments with winter wheat. Orchard experimentation. Incomplete experiments.

BARBACKI, S.

"Agriculture Faces New Tasks." p. 62 (Nauka Polska. Vol. 1, no. 4, Oct./Dec. 1953 Warszawa.)

SO: Monthly List of East European Accessions./Library of Congress, June 1954, Vol. 3, no. 6, Uncl.

Przed-
S.

Biological and technological properties of Early White Przed-
owo lupin. S. Barbacki, S. Jankowski and K. Latawiec (*Reczn.
Nauk rol.*, 1955, 70, 2, 478—513).—This lupin variety, originally bred
from a bitter stock, is a long-day type, responding readily to vernalisa-
tion. Early sowing favoured wt. per 1000 seeds, high fat and low
alkaloid contents (0.04—0.08%). Milling yielded 35% of flour
(3—5%) with wheat and rye flour, lupin flour affected pastry in a
manner similar to that of soya-bean. In bread the loaf vol. was
lowered. The amino-acid distribution of the lupin protein is com-
pared with that of other leguminous seeds. A. G. POLLARD.

MD

(2)

BARBACKI, S.

The biological and technological properties of early white lupine.
In English. p. 213.

MATEMATYKA, Vol. 3, No. 6, 1955, Warsaw, Poland

SO: Monthly List of East European Accessions, (EEAL), L. of C. , Vol 5, No. 10,
Oct. 1956.

POLAND/Technical Crops. Oil Plants. Sugar Plants.

M

Abs Jour: Ref Zhur-Biol., No 17, 1958, 77784.

Author : Barbacki, S.; Dylski, E.; Rosncwski, St.

Inst :

Title : Results of Experiments with Sugar Beet Varieties for
1947-1951.

Orig Pub: Roczn. nauk rolniczych., 1956, D73, 134, p. 11.

Abstract: Results of experiments with 20 varieties of sugar
beet conducted at 37 bases in Poland during 1947-
1951. Varieties were used from 6 different selec-
tion establishments. The study was carried out
according to the unit method with 8-fold repeti-
tions and distribution of plots according to Fisher.
Harvests were tabulated by roots, saccharinity,

Card : 1/4

POLAND/Technical Crops. Oil Plants. Sugar Plants.

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Abs Jour: Ref Zhur-Biol., No 17, 1958, 77784.

tively increase their saccharinity in the south-east regions, and sugars - in the northwest regions. However, as regards collection of sugar, the varieties AI-3 and KRS-P stand out predominantly which are the varieties of normal type. The variety AI-3 is resistant to cercosporiasis, has few blossoms and relatively more foliage. Of the harvested varieties, as regards collection of sugar, the variety PZHR-4 stands out, but it is weakly resistant to cercosporiasis and has little foliage; the least productive variety is RZHR-3. The variety Yanash (AI-1) proved to have the most sugar. The more productive of the sugar varieties is the variety Bushchinskiy KRS-MLR. Of the varieties resistant

Card : 3/4