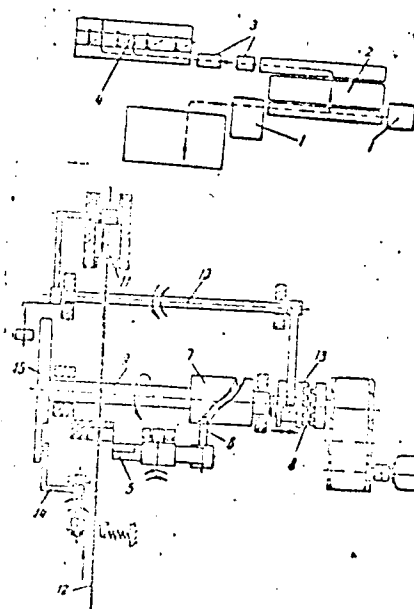


L 09258-67
ACC NR: AP8029954

assembly); and an assembly for sorting the usable and the defective rods (see Fig. 1).

Fig. 1. 1 - assembly for adjusting and cutting; 2 - assembly for dismounting and transporting; 3 - defectoscopic assembly; 4 - assembly for sorting the usable and the defective products; 5 - movable blade; 6 - knife finger; 7 - knuckled drum; 8 - clutch; 9 - roller; 10 - lever; 11 - movable carriage; 12 - rod; 13 - semiclutch; 14 - lever; 15 - sprocket



ACC No: 110000000

The assembly for adjusting and cutting of the rods being inspected may contain a roller which with the movable blade. The shear contains a finger, a drum knuckle with a curved recess for receiving the finger of the blade, a clutch mounted on one roller, a system of levers connected to a bearing carriage and absorbing the force of a blow from the moving rod being inspected and transmitting the movement to one of the semi-clutches. The assembly for adjusting and cutting the inspected rods may also contain a mechanism for collecting the cut rods. This mechanism is made in the form of a lever kinematically connected to a sprocket mounted on the roller which also carries the knuckled drum and the clutch. Orig. art. has: 1 figure.

SUB CODE: 1/3, 25 SUBM DATE: 10Dec63

Card 3/3

BARANOV, N.

Bridge. Kryl.rod. 14 no.3:8-9 Mr '63. (MIRA 16:4)
(World War, 1939-1945--Aerial operations)

BARANOV, N.

Generation of the courageous. Kryl. rod. 14 no.8:40 Ag '63.

(Air pilots)

(MIRA 16:8)

BARANOV, N., brigadir slesarey.

Innovators' contribution. Mast. ugl. 5 no.3:9-10 1956.
(Kuznetsk Basin--Hydraulic mining) (MLBA 6:7)

(3)

SOV/176-58-7-14/17

AUTHOR: Kolchkov, Ye., Guards Major; Baranov, N., Captain

TITLE: Reconditioning Damaged Anti-Tank Training Mines
(Vosstanovleniye povrezhdennykh uchebnykh protivotankovykh min)

PERIODICAL: Voenno-inzhenernyy zhurnal, 1958, Nr 7, PP 59-60 (USSR)

ABSTRACT: The first author refers to an appliance invented by Engineer Major M. Sklavc for strengthening the lids of anti-tank dummy mines (described in Nr 4 issue of 1957 of this Journal). Another simplified appliance was proposed by Private Tsitsirin. (Figure 1) (unit not stated). It consists of a plug (with 13-14cm hole in the middle) screwed into the anti-tank mine (Figure 2) with a valve through which air is pumped by a compressor of 5-10 atm or by a compressor from an MT vehicle. In 1-2 minutes the lid of the mine returns to its original shape. Another device is described

Card 1/2

SOV/176-58-7-14/17

Reconditioning Damaged Anti-Tank Training Mines

by the second author, consisting of a mechanical gadget
used without air pressure (Figures 1 and 2). There are
4 photos.

Card 2/2

BARANOV, N. A. and ISAYEVA, A. A.

"Clinical Aspect of Botkin's Disease," *Klin. Med.*, 30, No.1, 1952

BALANDOV, N.

Preparing general plans for the development of forestry on large areas. p. 161.

LESNICKY CASOPIS. (Slovenska akademia vied) Bratislava, Czechoslovakia,
Vol. 5, no. 3/4, 1959.

Monthly List of East European Accessions (EEAI), LC, Vol. 8, no. 11, Nov. 1959
Uncl.

BARANOV, N.

Experiment in using helicopters for forest mensuration. Tr. from the Russian.

p. 230 (GORSKO STOPANSTVO) Vol. 13, no. 5, May 1957,
Sofia, Bulgaria

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

BARANOV, N.

Current problems of the economic efficiency of the wide-spread
use of chemistry in agriculture. Vop. ekon. no.8:150-155 Ag
'62. (MIRA 15:8)
(Agricultural chemistry--Congresses)

BARANOV, N.

Economic efficiency of the comprehensive use of chemistry in
agriculture. Vop.ekon. no.9:102-110 S '61. (MIRA 14:8)
(Agricultural chemistry)

VARAKSIN, F.D.; BARANOV, N.A.; KISIN, V.M.

Organizing the manufacture of furniture for one-family apartments.
Der. prom. 8 no.5:1-4 My '59. (MIRA 12:7)

1.Gosstroy SSSR.
(Furniture industry)

VARAKSIN, F.D.; BARANOV, N.A.; KISIN, V.M.

Organizing the manufacture of furniture for one-family apartments (continued). Der.prom. 8 no.6:1-6 Je '59.
(MIRA 12:8)

1. Gosstroy SSSR.
(Furniture industry)

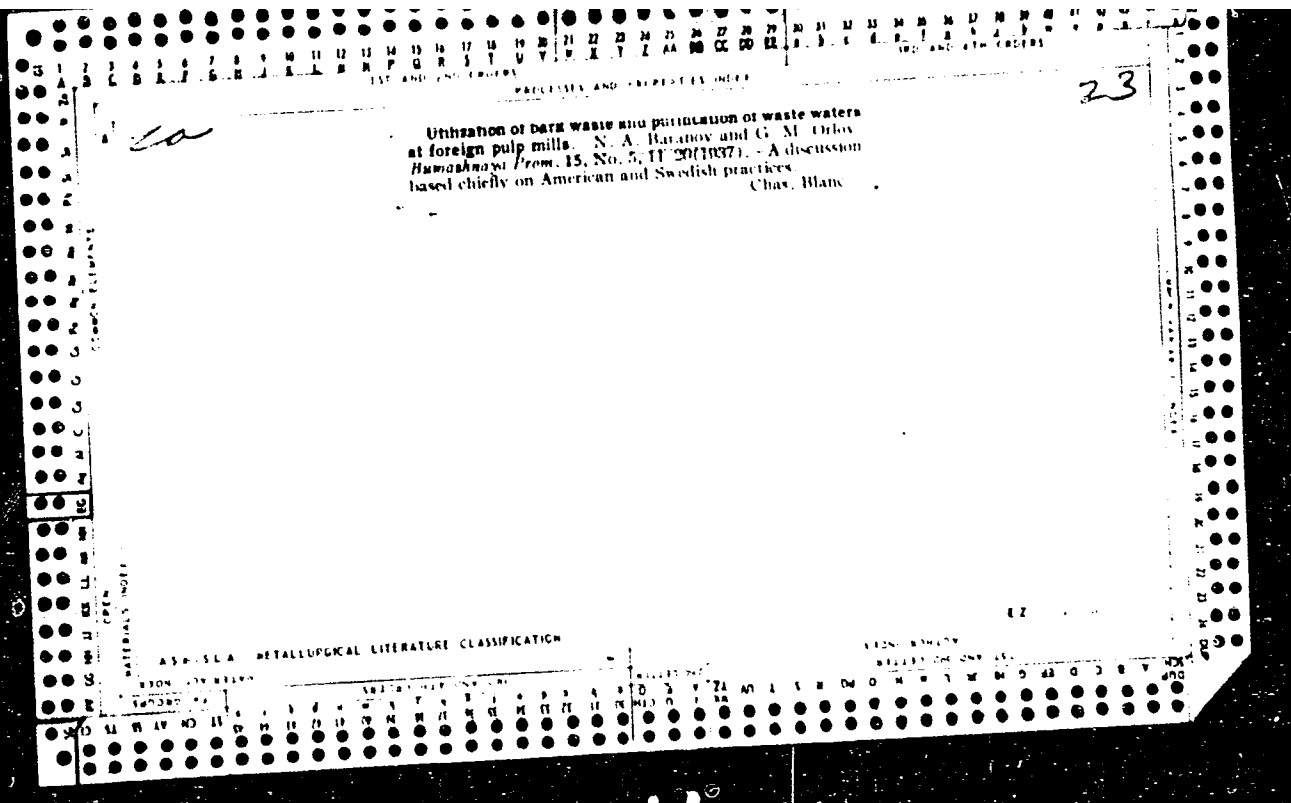
VABAKSIN, F.D.; BARANOV, N.A.; KISIN, V.M.

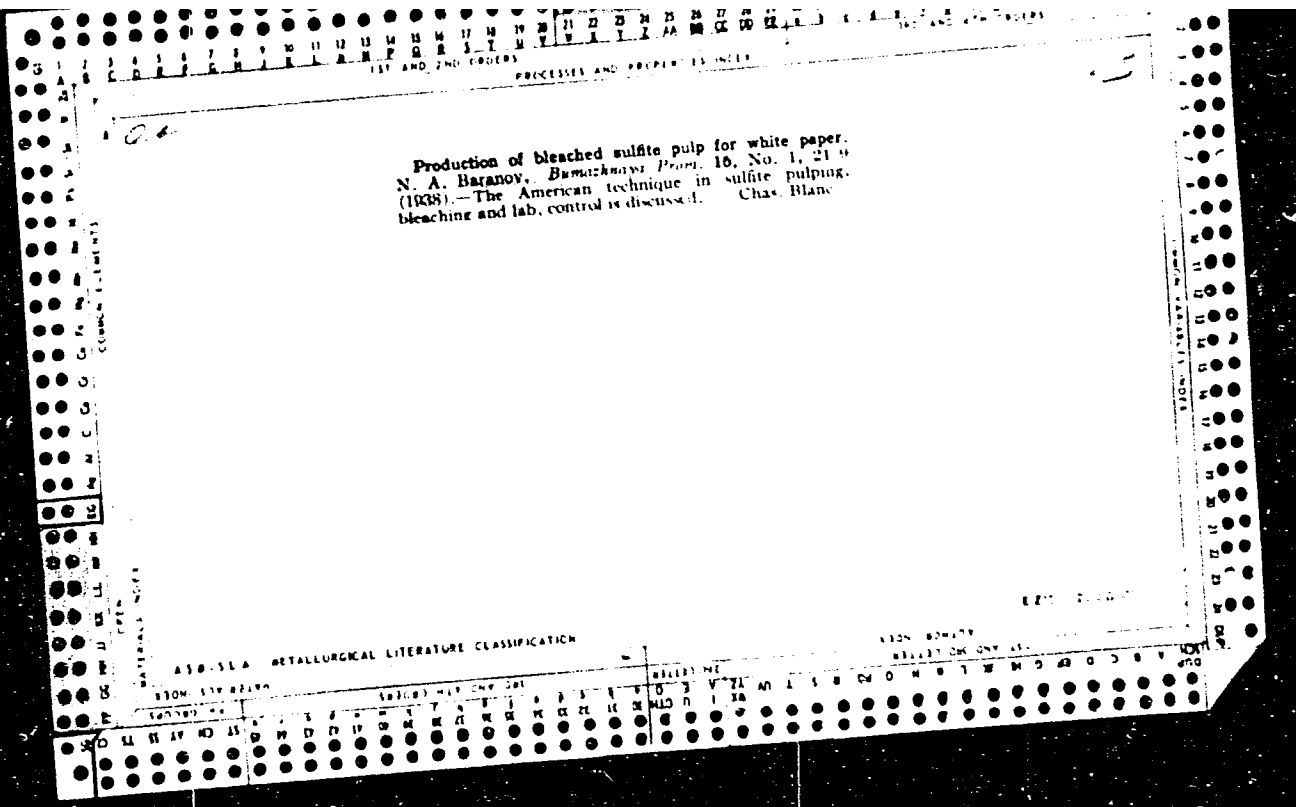
Organizing the manufacture of furniture for one-family apartments
(conclusion). Der. prem. 8 no.7:1-3 JI '59. (MIRA 12:9)

1.Gosstroy SSSR.
(Furniture industry)

BARANOV, N.S.: KISIN, V.M.

Results of the second All Union contest for the best furniture
models. Dev.prom. 11 no.6:1 8 Ja '62. (MIRA 15:6)
(Furniture--Competitions)





BARANOV, N.A.; DOBROVOL'SKIY, D.S.

[Technology of paper production] Tekhnologiya bumazhnogo
proizvodstva. Moskva, Goslesbumizdat, 1953. 370 p. (MLRA 7:3)
(Paper industry)

ВЕРНИТЬ Л. А.

B. T. R.
V. 3 No. 3
Mar. 1954
Wood and Forest
Products

1289* Production of a New Semifinished Paper Product.
(Russian V. N. A. Buzinov. *Bumachnaya Promyshlennost*, v. 28,
no. 11, Nov. 1953, p. 17-20.)
Use of chlorine is eliminated as a basic semifinished product de-
creased expenditure for pulp. Lower grade material may be
used with this method. Diagram, table.

BARANOV, N.A.

Continuous production of wood-fiber boards. (From: Pulp and Paper Magazine of Canada, v. 54, no.10, IX, p. 122-125 (1953)). Der. i lesokhim.prom. 3 no.10:29-31 0 '54. (MLBA 7:11)
(Wallboard)

LYAL'KIN, Ivan Antonovich; BARANOV, N.A., redaktor; SIDEL'NIKOVA, L.A.,
redaktor; KOLESNIKOVA, A.P., tekhnicheskiy redaktor

[Preparation of hydrolytic raw materials from wood] Prigotov-
lenie gidroliznogo syr'ia iz drevesiny. Moskva, Goslesbumizdat,
1955. 109 p. (MIRA 9:3)

(Wood pulp)

Balmasov
BALMASOV, Yevgeniy Yakovlevich; OBRAZTSOV, K.I., retsenzent; GRANAT, S.S.,
retsenzent; BABAKIN, B.I., red.; BARANOV, N.A., red.; SARMATSKAYA,
G.I., red.izd-va; SHITS, V.P., tekhn.red.

[Automatic control of processes in the manufacture of woodpulp
and paper] Avtomaticheskoe regulirovanie protsessov tselliulozno-
bumazhnogo proizvodstva. Moskva, Goslesbumizdat, 1955. 248 p.
(Woodpulp industry) (MIRA 11:6)
(Paper manufacture) (Automatic control)

BARANOV, Nikolay Aleksandrovich, inzh.; DOBROVOL'SKIY, Dmitriy Sergeevich,
kand.tekhn.nauk, dots.; IVANOVA, Klavdiya Aleksandrovna, retsenzent;
MALYUTIN, Vladimir Nikolayevich, retsenzent; VASENKO, A.V., red.;
SIDEL'NIKOVA, L.A., red.izd-va; SHITS, V.P., tekhn.red.

[Technology of papermaking] Tekhnologiya bumazhnogo proizvodstva.
Izd. 2-oe, perer. i dop. Moskva, Goslesbumizdat, 1957. 333 p.
(Paper industry) (MIRA 11:5)

BARANOV, N.A.

Cellulose production in East Germany. Biul.tekh.-ekon.inform.
no.12:68-70 '58. (MIRA 11:12)
(Germany, East--Cellulose)

BARANOV, N.A., inzh.

Manufacture of paper from new types of raw material. Bum. prom.
33 no.5:25 My '58. (MIRA 11:6)
(Paper)

BARANOV, Nikolay Aleksandrovich; GORBOVSKIY, Boris Grigor'yevich; SOLYUS, N.G., retsenzent[deceased]; DENISOV, Yu.A., retsenzent; GRABOVSKIY, V.A., red.; PROTANSKAYA, I.V., red. izd-va; VOLOKHONSKAYA, L.V., red. izd-va; VDOVINA, V.M., tekhn. red.

[Technology and automation of cellulose production] Tekhnologiya i avtomatizatsiya tselliuloznogo proizvodstva. Moskva, Goslesbumizdat, 1961. 471 p. (MIRA 14:6)
(Cellulose) (Automation)

BARANOV, N.A.; PYASETSKIY, V.V.

Machine for testing the fatigue strength of girder units. Zav. lab.
27 no. 4:466-467 '61. (MIRA 14:4)

1. Leningradskiy zavod pod"yemno-transportnogo oborudovaniya i
Leningradskiy politekhnicheskij institut.
(Fatigue testing machines)

BARANOV, N.A.

Paper composition regulated by a automatic magnetic flowmeter.

Bum.prom. 36 no.1:31 Ja '61.

(MIRA 14:3)

(United States--Paper) (Flowmeters)

BARANOV, Nikolay Aleksandrovich; MALYSHKIN, K.N., retsenzent;
SMOLYANITSKIY, B.Z., red.; KHOT'KOVA, Ye.S., red.izd-va;
KARLOVA, G.L., tekhn. red.

[Manual for the operator of acid preparation plants in
sulfite pulp mills] Posobie kislotchiku sul'fitno-
tselliuloznogo proizvodstva. Moskva, Goslesbumizdat,
1963. 155 p. (MIRA 16:10)
(Woodpulp industry)

BARANOV, N., starshiy nauchnyy sotrudnik

Widespread use of chemistry is the basis for the upsurge of agriculture. Plan. khoz. 41 no.1:13-21 Ja'64. (MIRA 17:2)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut udobreniy i agropochvovedeniya.

BARANOV, N.A.; KISIN, V.M.

Results of the Second All-Union Competition for the Best Furniture
Models. Der. prom. 11 no.8:1-4 Ag '62. (MIRA 17:2)

BARANOV, N. D.

Baranov, N. D.

"The Adhesion between a Caterpillar-Type Tractor and the Soil." Min Higher Education USSR. Leningrad Agricultural Inst. Leningrad, 1955. (Dissertations for the Degree of Candidate in Technical Sciences).

SO: Knizhnaya Letopis', No 27, 2 July 1955

BARANOV, N.D., kand.tekhn.nauk

Effect of structural parameters of track lines on the grip of
crawler tractors. Mekh. i elek. sots. sel'khoz. 19
no.4:26-30 '61. (MIRA 14:11)
(Crawler tractors)

1. PARANOV, N.G.
2. USSR (600)
4. Afforestation
7. Notes of a worker in land reclamation through afforestation, Les i step' 5 no. 3, 1953.

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

OVSYANKIN, V.I., otvetstvennyy red.; RUBANENKO, B.R., otvetstvennyy red.;
BARANOV, N.G., otvetstvennyy red.; ZHDANOV, P.P., nauchnyy red.;
KONSTANTINOV, V.N., nauchnyy red.; GORSHKOV, A.P., red.;
FECHKOVSKAYA, T.V., tekhn. red.

[Housing construction; new technical features recommended for
introduction and testing] Zhilishchnoe stroitel'stvo; novye
tekhnicheskie reshenia, rekomenduemye k vnedreniiu i eksperi-
mental'noi proverke. Moskva, Gos. izd-vo lit-ry po stroit.,
arkhit. i stroit. materialam. Vol.1. 1958. 227 p. (MIRA 11:8)

1. Russia (1923- U.S.S.R.) Gosudarstvennyy komitet po delam
stroitel'stva.

(Apartment houses)

OVSYANKIN, V.I., otv.red.; RUBANENKO, B.R., otv.red.; ~~BARANOV, N.G.~~, otv.
red.; ZHDANOV, P.P., inzh., nauchnyy red.; UDOD, V.Ya., red.izd-va

[Housing construction; new technical solutions recommended for
introduction and testing] Zhilishchnoe stroitel'stvo; novye
tehnicheskie reshenia, rekomenduemye k vnedreniu i eksperi-
mental'noi proverke. Moskva, Gos. izd-vo lit-ry po stroit.,
arkhit. i stroit. materialam. Vol.2. 1958. 347 p. (MIRA 12:2)

1. Russia (1923- U.S.S.R.) Gosudarstvennyy komitet po delam
stroitel'stva.

(Building)

"APPROVED FOR RELEASE: 06/06/2000

CIA-RDP86-00513R000103510011-9

FORESTRY, W. I.

DECLASSIFIED
ON 1961

1962/5

SEE ILC

FORESTRY

APPROVED FOR RELEASE: 06/06/2000

CIA-RDP86-00513R000103510011-9"

BARANOV, N. M. (Engr.) KHRAPOV, M. M. (Cand. Tech. Sci.)

"Forces Acting on Rolls During Rolling of Wide-Flange Shapes,"
Rolling Mills; Studies, Calculation, Design and Operation, No. 3, Moscow,

Articles by Turkin, D.S.; Pobedin, I. S.; Khrapov, M. M.; Kerolev, A.A. and BARANOV, N. M. elaborate on some basic characteristics in rolling wide-flange shapes in experimental rolling mills. These problems are of timely interest in connection with the construction by the USSR of mills for rolling wide-flange shapes (up to 1000 mm).

92000000, A. 111.

KHRAPOV, M.K., kandidat tekhnicheskikh nauk; BARANOV, N.K., inzhener.

Forces acting on the rolls during rolling of wide-flanged beams.
[Trudy] TSNIIITMASH no.83:69-76 '56. (MIRA 10:9)
(Rolling (Metalwork)) (Force and energy)

KLYAVIN'SH, K.K. [Klavins, K.], glavnyy inzhener; BARANOV, N.N., inzhener po
ratsionalizatsii

Recording thermoregulator operating by remote control. Tekst. prom.
19 no.6:70-71 Je '59. (MIRA 12:9)

1. Kombinat "Rigas Audums".
(Temperature regulators)

BARANOV, N. N.

Dairying

Dissertation: "Improvement of the Technology of Producing Butter With
▲ Continuous Churner." Cand Agr Sci, Yerevan Zooveterinary Inst.
24 Mar. 54. (Kommunist, Yerevan, 10 Mar 54)

SO: SUM 213, 20 Sept 1954

ZUBKO, V. N., BARANOV, N. N.

Hydrophobia -- Preventive Innoculation

Preventive inoculation of dogs against rabies.
Veterinariia 29, no. 5, 1952.

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

ZUBKO, V.N.; BARANOV, N.N.

Preventive antirabic vaccination of dogs. Veterinaria 32
no.3:60-62 Mr '55. (MLRA 8:4)
(RABIES--PREVENTIVE INOCULATION)

BARANOV, N.N., kand. ekonom. nauk (Moskva)

Nitrogen fertilizers in the agriculture of the northwestern
region of the U.S.S.R. Trudy LIEI no.37:50-56 '61. (MIRA 18:4)

BARANOV, N.N., kand.ekonomicheskikh nauk

Make efficient use of fertilizers. Zemledelie 24 no.6:38-41
Je '62. (MIRA 15:11)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut udobreniy i
agropochvovedeniya.

(Fertilizers and manures)

BERANOV, R.K., 1964. *Ann. Chem. Acad. Sci. Hung. Ser. B*, 10, 1-10.

[Description of the use of Pert. 3000 and Pert. 3000
from the report of the author's address in the journal
above, London, 1964. 310 p.]

ROMANOV, I. O., and KUNYEV, A. I. ПАРКИ И П. П.

Automobiles - Repairing

Organized line for preventive servicing of automobiles, for. know. work, no 5:23-27
May 1952.

9. Monthly List of Russian Accessions, Library of Congress, _____ 1953, Unclassified.

USSR/Physics of the Atmosphere - Dynamic Meteorology, M-2

Abst Journal: Referat Zhur - Fizika, No 12, 1956, 36082

Author: Antonov, V. S., Baranov, N. P., Makhover, Z. M.

Institution: None

Title: Certain Results of Applying the Suggestions by K. I. Kashin and M. V. Gritsenko to the Prediction of the Emergence of Caspian Cyclones

Original
Periodical: Meteorol. i gidrologiya, 1955, No 6, 34-35

Abstract: For the sake of verification, an analysis was made of 32 aerologically-interpreted cyclones in the regions of the northern Caucasus, the Caspian, and the Povolzh'ye. In 30 cases the cyclones moved parallel to the axis of the tongue of heat on the 500 mb isobaric surface thus, confirming the correctness of the above statement. An example illustrating the motion of the cyclone in accordance with the above assumption is given.

Card 1/1

Subject : USSR/Meteorology AID P - 3866
Card 1/1 Pub. 71-a - 29/35
Author : Baranov, N. P.
Title : A revision of "Directives for Forecasting" is needed
Periodical : Met. 1. gidr., 6, 60-61, N/D 1955
Abstract : Some suggestions on weather forecasting, specifically on short-range emergency forecasting to assure safety in railroad operations, are made.
Institution : None
Submitted : No date

ANTONOV, V.S.; BARANOV, N.P.; MAKHOVER, Z.M.

Forecasting the appearance of Caspian cyclones in the southeastern
European region of the U.S.S.R. Trudy TSIP no.42:3-10 '56.
(MLBA 9:11)

1. Voronezhskoye gidrometbyuro.
(Russia, Southern--Cyclones)

PROSHLYAKOV, A.I.; ZHELEZNYKH, V.I.; BYCHEVSKIY, B.V.; ZOTOV, V.F.;
LYAMIN, N.I.; IVANOV, D.S.; BLAGOSLAVOV, B.V.; BARANOV, N.P.
PANKOV, M.A.; OGORODNIKOV, V.A.; FILONENKO-BORODICH, M.M.;
IL'YASEVICH, S.A.; RABINOVICH, I.M.; OLISOV, B.A.; DAVYDOV,
S.S.; ZIMIN, D.D.; SHPERK, B.F.; USKOV, V.N.; BUZNIK, P.K.

Boris Aleksandrovich Olivetskii; obituary. Voen.-inzh.zhur.
101 no.12:42 D '57. (MIRA 10:12)
(Olivetskii, Boris Aleksandrovich, 1896-1957)

AUTHOR: Baranov, N. P. 50-58 5-11/20

TITLE: Some Remarks on Technical Terms of Synoptic Meteorology
(Nekotoryye zamechaniya o terminakh sinopticheskoy meteorologii)

PERIODICAL: Meteorologiya i Gidrologiya, 1958, Nr 5, pp 47-47 (USSR)

ABSTRACT: The terminology at present used in synoptic publications shows a number of deficiencies. The synopticians often write: "The anticyclone is formed in masses of cold air". This is a Germanism. In Russian it should read: "... is formed of masses of cold air". In forecasts of the Central Institute of Prognoses (Tsentral'nyy institut prognozov) terms like "crest (protuberance) of a high" or "core of the high" are often used. Do these concepts also exist for a depression? Synopticians speak and write: Chart z a 09 o'clock", "weather z a 09 o'clock" which is not correct for a moment of time, but would be correct for a period of time. For the moment of time the prepositions "v" and "na" are customary in Russian (reference 2). In reference 1 A. S. Zverev unfortunately did not follow the example of Ref 2. The denotations of many figures are not written in correct Russian (pp. 23, 91, 20 and others), although this defect is not to be regretted in other places (pp. 87, 88, 183 and

Card 1/2

Some Remarks on Technical Terms of Synoptic Meteorology 50-58-5-11/20

others). Is it not time to bring the Soviet terminology into agreement with the Russian language? There are 2 references, 2 of which are Soviet.

1. Meteorology--Dictionaries

Card 2/2

3(7)

AUTHOR:

Baranov, N. P.

SOV/50-56-10-6/20

TITLE:

Microclimatic Peculiarities in the Vicinity of Railroad Stations
(Mikroklimaticheskiye osobennosti v rayonakh zheleznodorozhnykh stantsiy)

PERIODICAL:

Meteorologiya i gidrologiya, 1958, Nr 10, pp 34-36 (USSR)

ABSTRACT:

The author discusses the influence exerted by railroads (engine depots and heated engines) upon fog, glaze and hoarfrost on the basis of observations of 2 meteorological stations of the town of Voronezh between 1944 and 1949: a) near the railway station depot and b) AMSG (Aviameteorologicheskaya stantsiya v Grazhdanskom vozdushnom flote = Air Weather Station of the Civil Air Fleet) near the GVF (Grazhdanskiy vozdushnyy flot = Civil Air Fleet)-Airport. The investigation permitted the following conclusions:
1) Near the engine depot both the frequency and the continuance of fog in winter are increased. Similar conditions may be found on the arrival and departure platforms of big stations as well as at stops of the engines.
2) Near boilerhouses and steam engines local fogs occur in towns. As a consequence the number of foggy days and the continuance of fog will there increase.

Card 1/2

Microclimatic Peculiarities in the Vicinity of Railroad Stations

SOV/50-58-10-6/20

- 3) The annual number of days with glaze does not considerably increase at the railroad points mentioned. On the lines hoarfrost, however, remains longer by 30 - 50 % than in the environment. The same phenomenon is observed in the towns near boilerhouses and steam engines.
 - 4) The number of days with hoarfrost and the continuance of the latter increases at the railroad places mentioned up to about 1.5 - 2 times. At all points mentioned "spots" of frequency of the hoarfrost formation and maintenance are formed.
 - 5) The phenomena described in 1) - 4) can be eliminated by an adaptation of the railroads to Diesel or electric motive power.
- 3 tables are given.

Card 2/2

ACC NR: AP700374

SOURCE CODE: UR/0314/67/000/001/0028/0030

AUTHOR: Stepanov, G. A. (Candidate of technical sciences); Baranov, N. S. (Engineer)

ORG: none

TITLE: Strength and behavior of AMg5V alloy and its welds at low temperatures

SOURCE: Khimicheskoye i neftyanoye mashinostroyeniye, no. 1, 1967, 28-30

TOPIC TAGS: aluminum ~~alloy~~ alloy, ~~aluminum alloy~~ alloy weld, ~~aluminum~~ magnesium alloy, ~~property~~ low temperature ^{mechanical} property/AMg5V aluminum magnesium alloy ^{phenomenon} ~~aluminum magnesium alloy~~ ^{evaluation}

ABSTRACT:

Specimens of AMg5V aluminum-magnesium alloy and its welds have been tested by VNIKIMASH for their strength and behavior at low temperatures (+20 to -253C). It was found that with decreasing temperature from +20 to -253C, the tensile and yield strengths increased from 30.1 to 54.3 kg/mm² and from 15 to 17.7 kg/mm², respectively. Elongation and reduction of area increased from 28.8 to 44.0% at -196C and from 42.5 to 51.0% at -78, respectively, and then began to decrease with decreasing temperature. The notch toughness decreased from 5.2 kg·m/cm² at +20C to 2.6 kg·m/cm² at 253C. Tests of welds showed that their strength increased with decreased

Card 1/2

UDC: 669.715:539.4

BARANOV, N.V.

86-9-11/36

AUTHOR: Baranov, N.V., Guards Cap., Military Pilot First Class

TITLE: For High Combat Readiness of the Fighter Pilots
(Za vysokuyu boyevuyu gotovnost' istrebiteley)

PERIODICAL: Vestnik Vozdushnogo Flota, 1957, Nr 9, pp.26-30 (USSR)

ABSTRACT: Guards Capt. N.V. Baranov, apparently commander of the fighter squadron whose personnel was given the highest awards [4 officers were awarded "Order of Lenin and 4 others - "Order of Red Banner"], stated that according to his opinion the combat readiness of fighter pilots should consists of ability to take off at any moment of the day and under any meteorological conditions, having good visibility or without it. Further, he points out that the fighter pilot should be able to maneuver in clouds, below or above them. He should also skillfully fulfill the commands of the ground controller and unfaillingly intercept the target, attacking it according to the principles of aerial tactics. The fighter squadron of Capt. Baranov received the task of mastering a new type of fighter airplane which was unknown even to the most experienced pilot of the squadron. After a thorough examination of the program of combat training with the

Card 1/3

86-9-11/36

For High Combat Readiness of the Fighter Pilots (Cont.)

new type of aircraft, in which participated also the Party organs of the squadron, an intensive training was organized, in particular fighter flights, as well as in the whole squadron. During this training the commander of the squadron stressed the necessity of improvement of the quality of piloting and of elimination of still existing, among the pilots, some distrust of the flying instruments. In order to increase the radius of action, several times, the fighter pilots engaged in interception, were ordered to land on other airfields and also to utilize the guiding signals of various radar stations. Special attention was paid to having among the fighter pilots more confidence developed toward their aerial sighting devices and to use them more properly, notably in firing against the air target flying in the night, without revealing the position lights. The author pointed out that the developed films of the camera-guns revealed that some pilots, while attacking the targets without direct visibility, rushed to open the fire as soon as their sight marked the distance 1500 m, and then hurried out of attack, whereas they had to finish their attack at 800-500 m

Card 2/3

For High Combat Readiness of the Fighter Pilots (Cont.)

86-9-11/36

In the campaign against the distrust of the sighting device [notably used for firing against invisible targets] was applied a method such as sending the fighter airplanes without position lights as the targets, and the other fighter airplanes with navigation lights as interceptors. Finally, the results obtained during the period of intensive training were checked by special inspection, and were very highly appreciated by the Communist Party and Soviet Government. The above mentioned high decorations received by the leading personnel of the squadron had proven that their intensive effort for perfection of method of combat training was not in vain, and, consequently, the combat readiness of the squadron was substantially increased. The photograph of the squadron commander Guards Capt. Baranov was included in the article.

AVAILABLE: Library of Congress

Card 3/3

BARANOV, N.V.

Pressure in the elastoporous system under load. Uch.zap.Kazakh.un.
37 no.4:127-136 '58. (MIRA 15:4)
(Rock pressure)

UMANSKIY, Roman Grigor'yevich, polkovnik zapasa, chlen Kommunisticheskoy
partii Sovetskogo Soyuz; BARANOV, N.Y., red.; ANIKINA, R.F.,
tekhn.red.

[On the battle line] Na boevykh rubezhakh. Moskva, Voen.izd-vo
M-va obor.SSSR, 1960. 286 p. (MIRA 13:9)
(Military engineering)

BARANOV, N.V., red.; GALKIN, Ya.G., red.; KUZNETSOV, G.F., red.; OVSYANKIN,
V.I., red.; POPOV, A.N., red.; RUBANENKO, B.R., red.; SERAMTAYEV,
B.G., red.; GERASIMOVA, G.S., red. izd-va; EL'KINA, E.M., tekhn. red.

[Proceedings of the second session of the Academy of Construction
and Architecture of the U.S.S.R. on problems of housing construction]
Trudy II sessii Akademii stroitel'stva i arkhitektury SSSR po yop-
rosam zhilishchnogo stroitel'stva, 15-20 maia 1957. g. Moskva, Gos.
izd-vo lit-ry po stroit., arkhit. i stroit. materialam, 1958. 725 p.
(MIRA 11:5)

1. Akademiya stroitel'stva i arkhitektury SSSR.
(Housing)

BARANOV, N.V., red.; BURGMAN, V.V., red.; BURENIN, V.A., red.; BYLINKIN, N.P., red.; GALKIN, Ya.G., red.; GRIGOR'YEV, G.V., red.; OVSYANKIN, V.I., red.; SKRAMTAYEV, B.G., red.; STRELETSKIY, N.S., red.; YARALOV, Yu.S., red.; BARSKOV, I.M., spetsial'nyy red.; FRIDBERG, G.V., inzh., red. izd-va.

[Construction in the U.S.S.R., 1917--1957; proceedings of the third session of the Academy of Construction and Architecture of the U.S.S.R. commemorating the 40th anniversary of the Great October Socialist Revolution] Stroitel'stvo v SSSR, 1917-1957; trudy III sessii Akademii stroitel'stva i arkhitektury SSSR, posviashchennoi 40-i godovshchine Velikoi Oktiabr'skoi sotsialisticheskoi revoliutsii. Moskva, Gos. izd-vo lit-ry po stroit., arkh. i stroit. materialam, 1958. 750 p. (MIRA 11:5)

1. Akademiya stroitel'stva i arkhitektury SSSR. 2. Deystvitel'nyy chlen Akademii stroitel'stva i arkhitektury SSSR (for Baranov).
 3. Chlen-korrespondent Akademii stroitel'stva i arkhitektury SSSR. (for Burgman, Bylinkin).
 4. Chlen-korrespondent Akademii nauk SSSR i deystvitel'nyy chlen Akademii stroitel'stva i arkhitektury SSSR (for Streletskiy)
- (Construction industry) (Architecture)

BARANOV, N.V.

Controlling the growth of cities. Izv.ASIA no.3:27-34
'59. (MIRA 13:6)

1. Deystvitel'nyy chlen Akademii stroitel'stva i arkhitektury
SSSR.
(City planning)

BARANOV, N.V.

City building and the objectives of science in the field of urban
development. Izv. ASIA no.2:3-12 '60. (MIRA 13:7)

1. Deystvitel'nyy chlen Akademii stroitel'stva i arkhitektury
SSSR.
(City planning)

BARANOV, N.V.

Development of Soviet urban construction and the goals of
the Academy of Construction and Architecture of the U.S.S.R.
Izv. AIIA no.1:3-20 '61. (MIRA 14:7)

1. Deystvitel'nyy chlen Akademii stroitel'stva i arkhitektury
SSSR.

(City planning)

FEDOROV, Aleksey Fedorovich (1891-), polkovnik; BARANOV, N.V., red.;
CHAPAYEVA, R.I., tekhn. red.

[October reveilles] Oktiabr'skie zori. Moskva, Voenizdat, 1962.
262 p. (MIRA 15:10)
(Fedorov, Aleksei Fedorovich, 1891-)

BARANOV, Nikolay Varfolomeyevich; TSIRKUNOV, V.Yu., red. izd-va;
TEMKINA, Ye.L., tekhn. red.

[Modern city planning]Sovremennoe gradostroitel'stvo; glavnye
problemy. Moskva, Gosstroizdat, 1962. 266 p. (MIRA 16:2)

1. Deystvitel'nyy chlen Akademii stroitel'stva i arkhitektury
SSSR (for Baranov).

(City planning)

ACC NR: AP6035839 (A,N) SOURCE CODE: UR/0413/66/000/020/0044/0044

INVENTOR: Baranov, N. V.; Gorbachev, L. M.; Orlov, I. Ye.; Sokolov, G. I.; Solov'yeva, G. S.

ORG: None

TITLE: A turborefrigerator. Class 17, No. 187050

SOURCE: Izobreteniya, promyshlennyye obraztsy, tovarnyye znaki, no. 20, 1966, 44

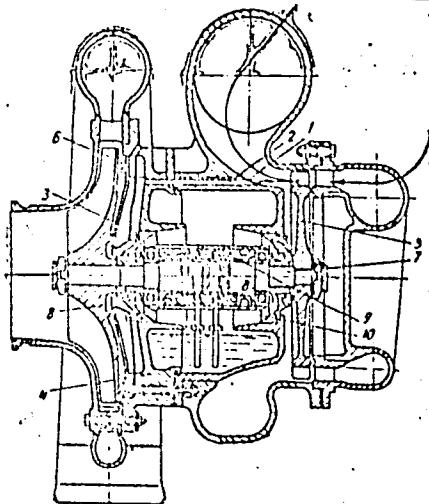
TOPIC TAGS: refrigeration equipment, turbine, ventilation fan

ABSTRACT: This Author's Certificate introduces a turborefrigerator for pressurized cabins and instrument sections of aircraft. The installation contains a housing, turbine and blower all mounted on a shaft set in air-cooled ball bearings. The unit is designed for improved cooling and reduced weight. Longitudinal cooled air supply channels are made in the housing at the level of the turbine blade base. These channels communicate with the cavity between the screen and the cover. The shaft bearings are mounted on the ends of a thin walled housing with reinforced flanges which have sloping holes for coolant circulation.

Card 1/2

UDC: 621.565.94 629.13.01/06

ACC NR: AP6035839



1—housing; 2—channels; 3—screen; 4—cover; 5—turbine; 6—blower; 7—shaft; 8—ball bearings; 9—tube with reinforced flanges; 10—holes

SUB CODE: ^{01, 13, 10} SUBM DATE: 21Nov64

Card 2/2

FAR'NOV, N. Ya.

Spindle Tree

Raising industrial crops in Vinnitsa Province. Les. khoz. 5, No. 7, 1952.

9. Monthly List of Russian A...

1952

BARANOV, O.

Author of article, "On a Fighting Ship," concerning Semyon YANUSHKOV, commander of the electric-mechanical subunit (podrazdeleniye) of an unnamed ship, and the classes he conducted on damage control. The author identified officer SMITH as captain of the ship, and told of the various emergency and damage-control drills he ordered held. SMITH was also identified as one of the ship's officers. Krasnaya Zvezda, Moscow, 27 Dec 54.

SO: SIM 201, 2 Dec 1954

BARANOV, O., kapitan-leytenant.

The submarine is declared outstanding. Sov.mor. 17 no.14:17 J1 '57.
(MLRA 13:9)

(Russia--Navy)

TUNKEL', M., starshiy leytenant; KOSTYUKOV, P., serzhant; BARANOV, O.;
ALEKHIN, I., radist pervogo klassa, ryadovoy; KISELEV, V., radiomaster,
ryadovoy; SHAMIS, V., efreytor, radist 1-go klassa i 1-go razryada.;
TASKIN, Ya., kapitan; VASIL'YEV, P., master radiolyubitel'skogo
sporta, starshina sverkhrochnoy sluzhby.

Discussing comrade Usvatov's suggestion. Voen. sviaz. 16 no. 6:15-
16 Je '58.

(Radio, Military--Equipment and supplies) (MIRA 11:7)

ARHIIOV, Grigoriy Sergeyeovich; KARANOV, Oleg Aleksandrovich;
PODOBEDOV, Aleksey Nikiforovich; TIKHOMIROV, Ivan
Nikolayevich; DMITROVICH, A.M., kand. tekhn. nauk, nauchn.
red.

[Semicontinuous casting of cast-iron pipes] Polunepreryv-
naya otlivka chugunnykh trub. Minsk, Nauka i tekhnika,
1965. 91 p. (MIRA 18:3)

BARMOV, G.A., Izv.; POL', V.S., Izv.

Hot crack formation during the semicontinuous casting of pipe.
Lit. proizv. no.1:11-12 Ja '66. (MIRA 19:1)

GROZDANIC, Sima, dr.; BILANKOV, Olga

Dyssteleology of bumblebees and bees in the light of the I.P. Pavlov reflector theory. Zbor prir Mat srp 34:21-36 '62.

1. Biološki Institut, Beograd.
2. Clan Urednistva, "Zbornik za prirodne nauke. Proceedings for Natural Sciences" (for Grosdanie).

BARANOV, P.; USATOV, M.

Checking lighting arresters installed on farm buildings.
Sil'.bud. 7 no.6:13-14 Je '57. (MIRA 13:3)
(Lighting protection)

BARANOV, Pavel Aleksandrovich; URYUPIN, German Mikhaylovich; VASENIN, A.Ye.,
otvetstvennyy redaktor; SALIPAN, L.S., redaktor; BERESLAVSKAYA,
L.Sh., tekhnicheskiiy redaktor

[Railroad mail cars] Pochtovye vagony. Moskva, Gos. izd-vo lit-ry
po voprosam svyazi i radio, 1957. 443 p. (MLRA 10:6)
(Railway mail service--Cars)

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45

1ST AND 2ND GROUPS PROCESSES AND PROPERTIES INDEX 1ST AND 4TH GROUPS

COMMON ELEMENTS

OPEN MATERIALS INDEX

ASB-31A METALLURGICAL LITERATURE CLASSIFICATION

15

Coloring mineral fertilizers. P. A. Baranov. *Khimiya Sotsialist. Zemledeliya* (Moscow) 1935, No. 1, 77-84. For NH_4NO_3 , metanil yellow or anil yellow could be used to color it for identification purposes; for $(\text{NH}_4)_2\text{SO}_4$, Congo red or anil blue; for luna saltpeter rose color; for NH_4Cl orange B; for a mixt. of NH_4NO_3 and Ammophos methyl violet, malachite green or orange, depending on whether the mixt. is 1:1, 2:1 or 1:2. J. S. J.

PROCESSES AND PROPERTIES INDEX

15

Handwritten initials

Hygroscopicity of mineral fertilizers. P. A. Baranov.
Lenin Acad. Agr. Sci., Gdovits Inst. Fertilizers and Soil Sci. Trans. No. 10, Mineral Fertilizers 3, 7-40(1953).

The hygroscopicity of the fertilizer constituents enumerated below was detd. under various conditions of temp. and humidity: urea, $(NH_4)_2SO_4$, ammoniated superphosphate, sylvinite, $CaCN_2$, NH_4Cl , double superphosphate, KCl , Ammophos, Leuna saltpeter, KNO_3 , and a series of mixed fertilizers.
 J. S. Joffe

OPEN
 SPECIALS INDEX

COMMON ELEMENTS

ACR-SLA METALLURGICAL LITERATURE CLASSIFICATION

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50

1ST AND 2ND ORDERS

PROCESSES AND PROPERTIES INDEX

3RD AND 4TH ORDERS

15

The problem of mixing fertilizers. P. A. Baranov and Z. I. Stroganova. *Lenin Acad. Agr. Sci., Geology Inst. Fertilizers and Soil Sci. Trans. No. 10, Mineral Fertilizers* 3: 47-50 (1935). Addns. of rock phosphate, apatite, pyrit. phosphates and bone phosphate to $(NH_4)_2SO_4$ just prior to applying it to the soil were found to be beneficial. With NH_4NO_3 the phosphates mentioned may be mixed long before applying to the soil. Addns. of rock phosphate flour or bone meal to superphosphate reduce the moisture content of the latter and thereby improve the phys. properties of the mixt. I. S. Tolle

5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50

COMMON SUBJECTS

MATERIALS INDEX

A 13-11 A METALLURGICAL LITERATURE CLASSIFICATION

RECORD #

SECTION

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50

The physical and chemical properties of ammonium ni-
trate to which lime was added. P. A. Baranov. *Levan*
Trud. Agr. Sci. Geobot. Inst. Fertilizers and Soil Sci.
Prace, No. 10, *Mineral Fertilizers* 3, 69-6, 1935. The
hygroscopicity and loss of NH_3 from NH_4NO_3 upon addition
of $CaCO_3$ and prod. phosphate vary. With the prod.
phosphate loss NH_3 is less and the moist. is less hygroscopic.
U. S. Info.

438 A METALLURGICAL LITERATURE CLASSIFICATION

PROCESS AND PROPERTIES INDEX

15

Ca

Evaluating the physical properties of superphosphate.
 P. A. Hasanov, *Lenin Acad. Agr. Sci., Central Inst. Fertilizers and Soil Sci. Trans.* No. 10, *Mineral Fertilizers* 3, 81-8 (1955). The Vidmer method for testing superphosphate was tried and standards for superphosphate with good phys. properties are given. I. S. 1, 06.

ASB-SLA METALLURGICAL LITERATURE CLASSIFICATION

ASB-SLA METALLURGICAL LITERATURE CLASSIFICATION

ASB-SLA METALLURGICAL LITERATURE CLASSIFICATION

ASB-SLA METALLURGICAL LITERATURE CLASSIFICATION

BC

B-I-7

Improvement of superphosphates. P. A. BARANOV
(J. Chem. Ind. Russ., 1933, 12, 833-836).—The quality
of superphosphate is greatly improved by mixing in
5-10% of bone meal, or, to a smaller extent, of phos-
phorite meal; the advantages claimed are higher
assimilable P₂O₅ content, reduction of excess acidity, and
better keeping properties. R. T.

ASS. S.L.A. METALLURGICAL LITERATURE CLASSIFICATION

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	00
---	---	---	---	---	---	---	---	---	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----

07

15

Drying superphosphate in relation to its physical and chemical properties. P. A. Baranov and P. A. Ruzanov. *J. Chem. Ind. (Moscow)* 12, 1054-7 (1935). Superphosphate, dried at about 400° with good stirring for 3 min., has excellent properties. A satisfactory product is obtained even if the drying lasts only 0.5 min.
H. M. Leicester

ASAC-51A METALLURGICAL LITERATURE CLASSIFICATION

1ST AND 2ND CROPPS
3RD AND 4TH CROPPS

COMMON ELEMENTS
COMMON VARIETIES INDEX

OPEN
MATERIALS INDEX
AUTHOR INDEX
1ST AND 2ND CROPPS
3RD AND 4TH CROPPS

COMMON ELEMENTS
COMMON VARIETIES INDEX

PROCESSES AND PROPERTIES INDEX

B-I-8

BC

Properties of ammonium nitrate. P. A. BARAKOV and I. A. KRYSALOV (J. Chem. Ind. Russ., 1936, 13, 1462—1466).—The hygroscopicity of granulated is > that of powdered NH_4NO_3 (1); the advantage of granulation lies in the ease with which damp granules can be distributed over the soil. Absorption of H_2O by (1) is associated with passage of H_2O from the surface to the lower layers, and involves a reduction in the intercryst. spaces. Paraffined, finely-cryst. (1) and mixtures of (1) with phosphorite meal have the least hygroscopicity of a no. of (1) products, together with the most uniform distribution of H_2O throughout the mass. R. T.

ASB-31A METALLURGICAL LITERATURE CLASSIFICATION

E-2

MATERIALS INDEX

COMMON ELEMENTS

LIST AND IMP. ORDER

LIST AND IMP. ORDER

The mixing of fertilizers P. A. Baranov. *Stetsk. zhurn. Pol'ssada* 1937, No. 1, 62-81; *Khimi. Krest. Zhurn.* 1, No. 1, 100-103, 1938; *Ch. S. S. S. R. Zhurn. Khim. Nauch. Issled.* 1938, No. 1, 100-103. Ammonia, ashes, Ca(OH)₂, chalk, NH₄HgCl, bone flour, dolomite and lime were used to neutralize superphosphate when it was mixed with NH₄NO₃. Without the addn. of these substances a pasty mixt. was obtained which could not be screened. The best results were obtained from the addn. of 50% NH₄HgCl by wt. of superphosphate to the mixt., and a satisfactory mixt. from the addn. of 20% lime and 10% Ca(OH)₂. In other cases the mixts. were not suitable for mech. screening after one month. It recommends mixts. of NH₄NO₃ and superphosphate with a limited amt. of addns. shortly before screening under small scale agricultural conditions, but mixts. contg. K salts can be prep'd by mass-production methods.

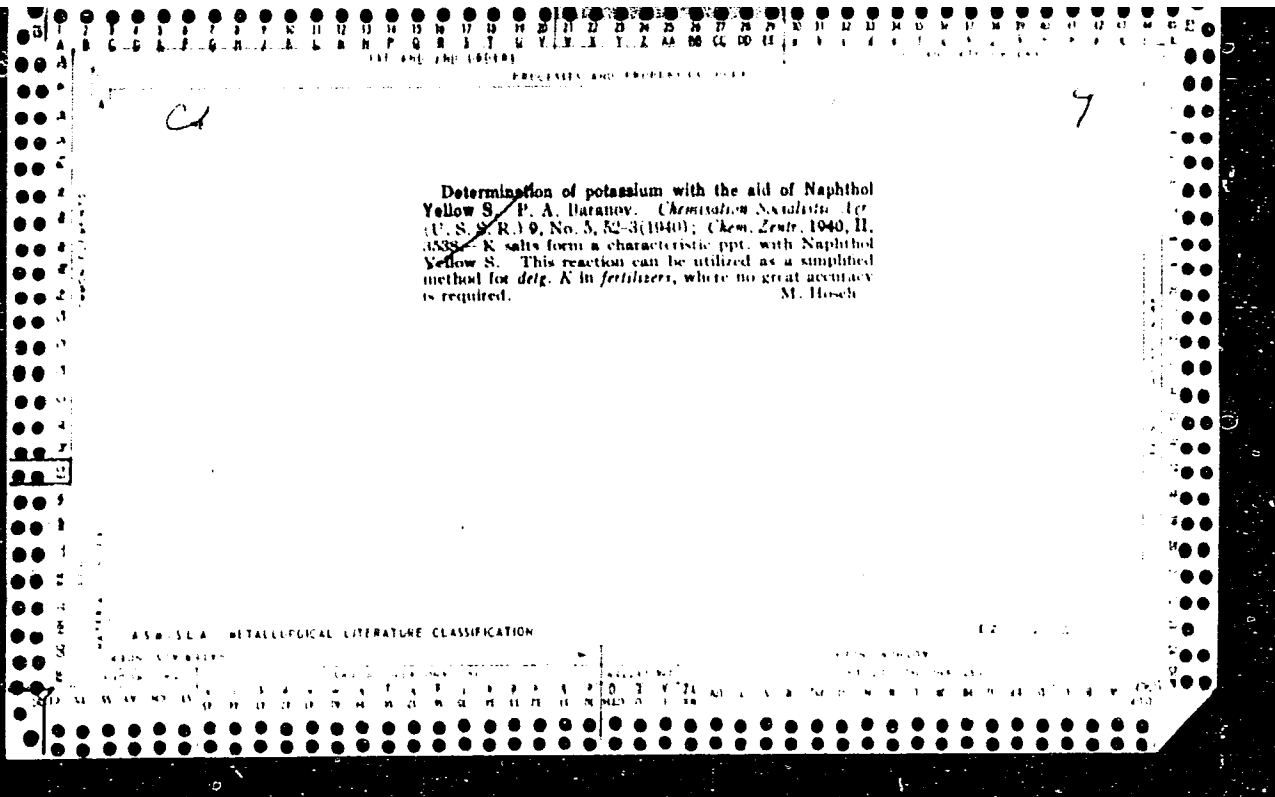
W. R. Heim

18

Granulation of ammonium nitrate with phosphorite meal. P. A. Baranov and A. I. Shepovt'nikova. *J. Chem. Ind.* (U. S. S. R. 16, No. 6, 30) 2(1989).—Such granulation neutralizes the acidity of NH_4NO_3 and reduces its hygroscopicity and tendency to cake. The best granule size is 1-2 mm. Best fertilizing effect is obtained if the material is half a fusion of the constituents and half a mech. mixt.
H. M. Leicester

ASB-31A METALLURGICAL LITERATURE CLASSIFICATION

E2



USSR/Biology - Plants, Nutrition
Fertilizers

Sep 50

"Properties of Granulated Fertilizers," Acad P.
A. Baranov, A. M. Shchepetil'nikova, Cand Agr
Sci

"Dok v-s Ak Selkhoz Nauk" No 9, pp 3-13

Granulated superphosphates 2 - 3 times superior
to powder form in acid podsollic soils; large
granules (5 - 7mm) superior to small granules.
Contact of acidic superphosphates with seed be-
fore planting reduces % of germination and en-
ergy of sprouting, but neutralization surface of

171T4

USSR/Biology - Plants, Nutrition (Contd) Sep 50

granules by dusting with chalk prevents this ef-
fect. Due to spreading of water-sol P2O5 into
soil from granule, advises application of super-
phosphates at period when soil cultivation fol-
lows after it. Seven tables. Submitted 20 May
50.

171T4

PA 171T4

BARANOV, P. A.

13

CA

The properties of granular superphosphate. P. A. Baranov and A. M. Shepetil'nikova. *Doklady Akad. Nauk SSSR*, No. 14, 1951. *Chem. Abstr.* 1951, 46: 11. Granular superphosphate mixed with manure retains the available P for a much longer period than the ordinary superphosphate. J. S. Joffe

1951

CA

15

The properties of granular fertilizer. P. A. Baranov and M. V. Dankova. *Doklady Vsesoyuz. Akad. Sel'khoz. Nauk im. V. I. Lenina* 17, No. 1, 3-8(1932).--Granular superphosphate loses some of its availability when the granules are disturbed, such as by cultivation, after having been placed in the soil. This phenomenon was much more noted in the granular phosphates as compared with the powdery form. J. S. Joffe

6

DARANGY, P.F.

U S S R .

✓ New forms of potassium fertilizers. P. A. Butanov and D. A. Koren'kov. *Zemledelie* 2, No. 1, 1954, 1-4. Different sources of K, such as KCl, K₂SO₄, kainite, schoenite, kalgheinit, and modifications of the natural K minerals (by treating them to remove other minerals in preference to the K and Mg), were tested on various crops in podzolized and chernozem soils. Potatoes and pastures were benefited greatly from the K Mg sulfate combination in podzolized soils. There was more starch and higher yield of potatoes with the K Mg sulfates. On chernozem soils the KCl was just as good as the K₂SO₄ with or without MgSO₄, and kainite was better than any other source of K. On light soils schoenite and other K Mg sulfate combinations were superior for all crops. J. S. Joffe.