PETROV, M.

Playgrounds organized by the aprtement house offices. Zhil.-kom. khoz. 7 no.1:6-7 '57. (MLRA 10:4)

1. Nachal'nik Upravleniya zhilishchnogo khozyaystva Molotovskogo gorsoveta.

(Molotov--Playgrounds)

PETROV, P.

PETROV, P. The basis is the economic accounts. p.10.

Vol. 11, no. 9, Sept. 1956
KOOPERATIVNO ZEMEDELIE
AGRICULTURE
Sofiia, Bulgaria

SO: East European Accession, Vol. 6, No. 3, March 1957

PETROV, P.

PETROV, P. Our experiment in stratifying seeds for producing evergreen [illegible].

Vol. 12, No. 9, Sept. 1966.
GORSKO STOPANSTVO
AGRICULTURE,
Sofiia, Bulgaria

So: East European Accession, Vol. 6, No. 2, February 1967

PETROV, M., polkovnik.

In Divulje. Sov.mor.16 no.18:19-20 S'56. (MLRA 10:1)
(Yugoslavia--Navy)

MATOV, I., inzhener; PETROV, M., inzhener.

Steamer "Sovetskii Soiuz." Mor.flot 17 no.5:21-22 My '57.
(MLRA 10:7)

1. Glavflot (for Petrov).
(Sovetskii Soiuz (Steamer))

PETROV, M.; VASILYEV, V.

Storming the nucleus. Znan.sila 31 no.4:6-11 Ap '56. (MLRA 9:7)
(Nuclear physics)

PETROV, M.

New method of preparing rolled ham. Miss.ind.SSSR 27 no.3:51 '56.
(MLRA 9:9)

1.Kaliningradskiy myasokombinat.
(Ham)

PETROV, M.

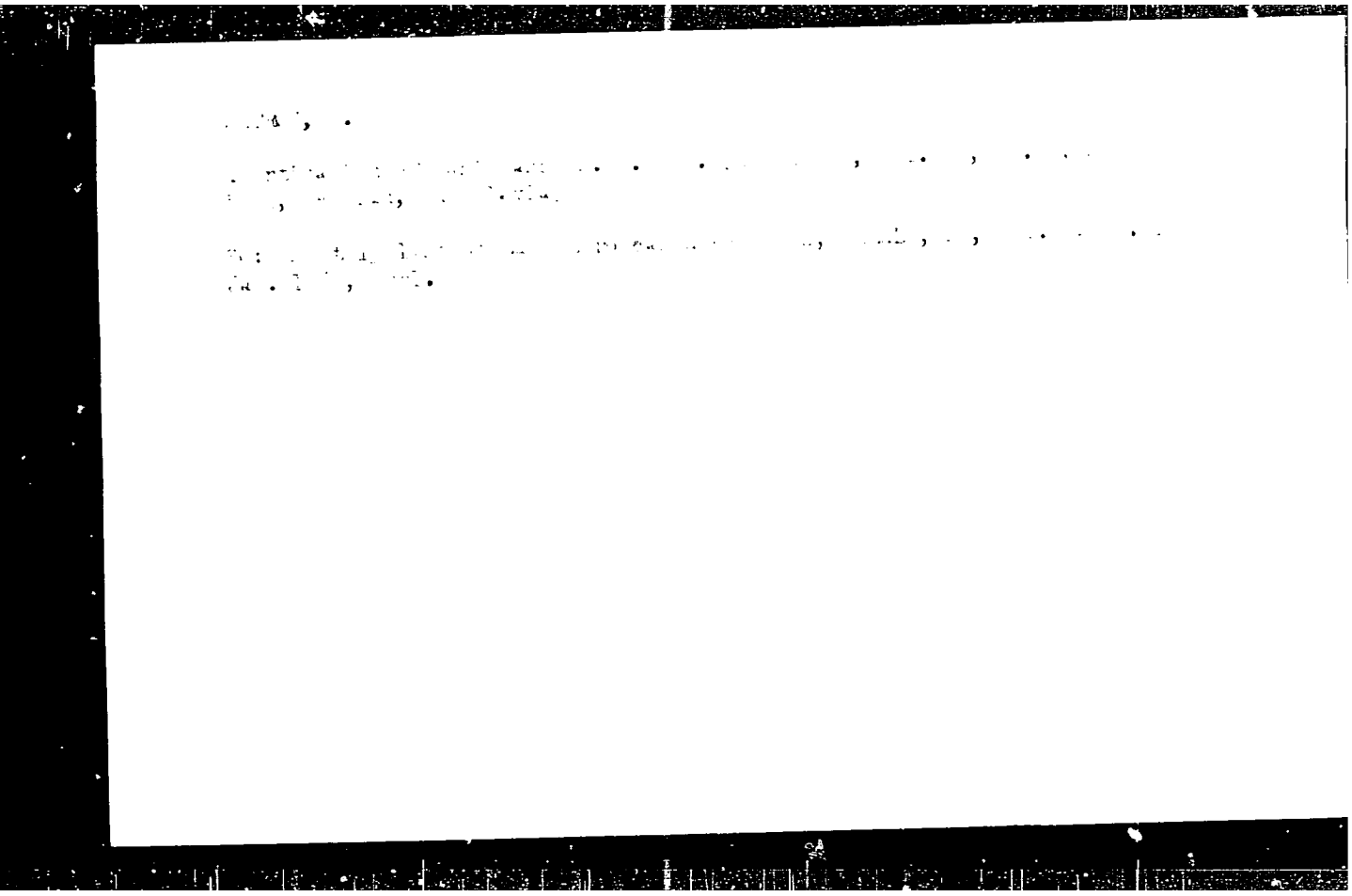
Volunteer firemen of a Bukovina village. Pozh.delo 8 no.2:27-28 F '62. (MIRA 15:2)

(Bukovina—Fire extinction—Societies)

PETROV, M.

The U.S.S.R.icebreaker fleet. Mor.flot 7 no.11:37-41 N '47.
(MLRA 9:6)

1.Nachal'nik Upravleniya arkticheskogo flota i portov Glavsevmorputi. (Ice breaking vessels)



PETROV, M., polkovnik

From the experiences of tank firing training maneuvers. Voen. vest. 39 no.9:67-71 S '59. (MIRA 12:12)
(Tanks (Military science)) (Target practice)

PETROV, M.

USSR/Chemical Technology. Chemical Products and Their Applicatio. -- Food industry, I-28

Abst Journal: Referat Zhur - Khimiya, No 2, 1957, 6713

Author: Petrov, M.

Institution: None

Title: New Method for the Production of Meat Rolls

Original Publication: Myasnaya industriya SSSR, 1956, No 3, 51

Abstract: In the preparation of rolls directly following the cutting of pork carcasses, the side of pork is divided into forward part, which is cut to give Rostov or Belorussian rolls, chest and rib portion, for Soviet rolls, and hind portion from which the Leningrad rolls are cut. The pork cuts are dry-salted for 2-3 days (using 2.5 kg salt, 100 g sugar and 50 g saltpeter per 100 kg meat) and kept for 10-15 days in 16° Be brine containing 0.5% saltpeter and 0.5% sugar. After soaking in water for 30-40 minutes, at 20-25°, and washing with warm water, the roll cuts are rolled, tied and cooked. The method enhances

Card 1/2

PETROV, M.

In 250 harbors of the world. Mor.flot 17 no.11:28-30 N '57.
(MIRA 10:12)

(Merchant marine)

PETROV, M.

A progressive collective. Pozh.delo 8 no.11:26-27 N '62.
(MIRA 15:11)
(Bukovina--Factories--Fires and fire prevention)

BULGARIA

F. YANKOV, M. PETROV and Docent Iv. KOPCHEV, Colonels, MC (Polkovnitsi ot meditsinskata sluzhba)

"The Problem of Surgically Untransportable Patients."

Sofia, Voenno Meditsinsko Delo, Vol 1d, No 2, 1963; pp 3-7.

Abstract: A general review of the problems presented by the conflicting requirement of minimizing any additional trauma to severely wounded soldiers and of giving them adequate medical aid as can only be made available in larger installations far from the front line, as based on experiences of the Soviet Armed Forces during World War II. Thirteen Soviet references.

1/1

BARABANOV, A., brigadir; AREF'YEV, B.; MOSHKIN, G.; CHISTYAKOV, V.; PETRUSHIN, V.; VLADIMIROV, L.; BYKOV, A.; PETROV, M.; OCHELETKO, I.

The party's program is a banner for a nation-wide effort in building communism. Rech. transp. 20 no.8:3-4 Ag '61. (MIRA 14:10)

1. Brigada kommunisticheskogo truda Moskovskogo sudostroitel'nogo i sudoremontnogo zavoda (for Barabanov). 2. Rektor Leningradskogo instituta vodnogo transporta (for Aref'yev). 3. Kapitan volzhskogo teplokhoda "Tallin" (for Moshkin). 4. Master stanochnogo uchastka derevoobdelochnogo tsekha Moskovskogo sudostroitel'nogo i sudoremontnogo zavoda (for Chistyakov). 5. Master mekhanicheskikh masterskikh moskovskogo Zapadnogo porta (for Petrushin). 6. Vedushchiy konstruktor TSentral'nogo proyektno-konstruktorskogo byuro Ministerstva rechnogo flota (for Vladimirov). 7. Nachal'nik Stalingradskogo porta (for Bykov). 8. Nachal'nik tekhnicheskogo otdela moskovskogo Yuzhnogo porta (for Petrov). 9. Kapitan teplokhoda "Zaraysk" Moskovskogo rechnogo parokhodstva (for [illegible])

(Communism) (Inland water transportation)

BULGARIA

Lt. Col. M. PETROV, MC (Podpolkovnik ot meditsinskata sluzhba, and Lt. Col. Iv. KHRISTOV, MC

"Alimentary Toxinfection Caused by Salmonella typhimurium Breslau,"

Sofia, Voenno Meditsinsko Delo, Vol 16, No 1, Feb 1963: pp 40-43.

Abstract: Extremely severe case of food poisoning in 8 soldiers who ate from package of fried fish sent to one of them by parents: acute gastroenteritis with renal and cardiovascular complications; 1 died, while toxic psychosis episode requiring hospitalization in mental hospital supervening in another one. S. breslau was isolated from remnants of fish. Diagram, 8 Bulgarian, 5 Soviet and 2 Western ref's.

PETROV, M.

How we mechanize municipal services in Taganrog. Zhil.-kom. khoz. 8 no. 6:3-5 '58. (MIRA 11:7)

1. Glavnyy inzhener Taganrogskogo gorodskogo otdela kommunal'nogo khozyaystva.

(Taganrog--Municipal services)

PETROV, M., Prof.; WOEV, K.; DIMITROV, Iv.; DOICHINOVA, N.; RACHEV, D.; BALTADZHIEVA, M.

Phlebitis and embolism in surgery, Khirurgiia, Sofia 11 no.5-6:527-529 1958.

(PHLEBITIS, surgery,
(Bul))
(EMBOLISM, surgery,
(Bul))

PETROV, Marin As. Prof. d-r.; GANCHEV, G., d-r.; CHOKANOV, Kr., D-r.

Cervical rib & the scalenus syndrome. Izv. Mikrob. inst., Sofia no.8: 303-338 1957.

1. Katedra po khirurgichna propedevtika (zav: prof. d-r G. Kapitanov) pri visshiia meditsinski institut v Sofiia.
(SCALENUS ANTICUS SYNDROME
(Bul))

PETROV, M.

Moscow makes preparations for the delegates of the congress. Vest. prof. dvizh. no.11/12:77-81 N-D '61. (MIRA 15:1)
(Trade unions--Congresses) (Moscow--Trade unions)

KHARINA, N.; MCHEDLISHVILI, I. (Tbilisi); PETROV, M. (stantsiya Agryz, Kazanskoy zheleznoy dorogi); ZHENOV, N. (g.Sovetsk, Kaliningradskoy zheleznoy dorogi); DOROFEYEV, A.; TIMOFEYEV, Ye., gazoapparatchik; ZHORZHOLADZE, G.; TURUTIN, I. (Minsk)

Letters to the editors. Sov. profsoiuzy 17 no.1:39-42 Ja '61. (MIRA 14:1)

1. Brigadir brigady kommunisticheskogo truda Novosibirskogo kozhevenno-obuvnogo kombinata (for Kharina). 2. Predsedatel' rayonnogo komiteta profsoyuza zheleznodorozhnikov, Velikiye Luki (for Dorofeyev). 3. Chlen bibilotechnogo soveta g.Stalino (for Timofeyev). 4. Predsedatel' Dorozhnogo komiteta profsoyuza rabotnikov zheleznodorozhnogo transporta Zakavkazskoy zheleznoy dorogi (for Zhorzholadze).
(Trade unions)

PETROV, M.

Art Industries and Trade-Exhibitions

"Industrial exhibits in Moscow." Vnesh. torg., 32, No. 5., 1952.

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

MARKOV, M., polkovnik meditsinskoy sluzhby; KUTENOV, N., [illegible]
meditsinskoy sluzhby; PETROV, M., podpolkovnik meditsinskoy
sluzhby; OBRETENOV, O., podpolkovnik meditsinskoy sluzhby

Competition in the field of living conditions, health protection
and cultural recreation and [illegible] of life [illegible]
Bulgarian Peoples Army. Voen.-med. sborn. no. [illegible]
[illegible]

PETROV, M.

Housing

New homes for Soviet people. V pom. profaktivu 13 no. 18, 1952.

Monthly List of Russian Accessions, Library of Congress, December 1952, UNCLASSIFIED

PETROV, M.

Miners - Kohtla-Jarve, Estonia

For the Soviet man. V pom.profakitvu 14, No. 3, 1953.

Monthly List of Russian Accessions, Library of Congress, June 1953. Unclassified.

1. PETROV, M.
2. USSR (600)
4. Kohtla-Järve, Estonia--Miners
7. For the Soviet man. V pom. profaktivu 14, no. 8, 1953

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

PETKOV, Marin

Communist labor brigades. Bulg tr un no.5:20-21 '61.

1. Leader of a communist labor brigade at the "Fasan" factory in Russia.

L 29984-66

ACC NR: AP6020082 SOURCE CODE: BU/0017/65/020/004/0003/0007

AUTHOR: Petrov, Mavrodi (Colonel of the medical service)

ORG: none

TITLE: Air evacuation of wounded and sick

SOURCE: Voenno-meditsinsko delo, v. 20, no. 4, 1965, 3-7

TOPIC TAGS: military medicine, helicopter, army aircraft

ABSTRACT: Review of capabilities of various airplanes and helicopters and specifically suitability for evacuation of wounded; indications and contra-indications for such evacuation; organization of evacuation service and data on four planes and two helicopters presumably used in Bulgarian military services. [JPRS]

SUB CODE: 06, 01 / SUBM DATE: 22Feb65 / ORIG REF: 004 / SOV REF: 006

Card 1/1

PETROV, M.Ye.

From the work practices of mixed brigades. Geod.i kart. no.3:44-45 Mr '60. (MIRA 13:6)
(Topographical surveying)

PETROV, MILCHO.

Petrov, Milcho Geordeziia v stroitelstvoto. (Sofiya) Nauka i izkustvo (1952) 365 p.
(Tekhnicheska literatura) (Structural geodesy; a textbook for the School of Geodesy at the Stalin State Polytechnical School. Illus.)

SO: Monthly List Of East European Accessions, L. C. Vol. 3 No. 1 Jan. 1954 Uncl.

PETROV, M.A., prof.

Power supply syste for passenger trains. Zhel. dor. transp. 40 no.1:56-60 Ja '58. (MIRA 11:1)
(Railroads--Electric equipment)

SOV/137-58-10-20614

Translation from Referativnyy zhurnal, Metallurgiya, 1958, Nr 10, p 4 (USSR)

AUTHOR: Petrov, M.A.

TITLE Oxygen Applications in High-alloy Steelmaking (Primenenive kisloroda pri vyplavke vysokolegirovannoy stali)

PERIODICAL: Tr. Nevsk. mashinostroit. z da, 1957 Nr 2, pp 67-70

ABSTRACT: The use of O_2 in the remelting of high-alloy scrap steel at the Neva Plant made it possible to make use of greater quantities of the latter, to reduce ferroalloy consumption and the cost of the steel, and to expand the assortment of the steels smelted, particularly in the low-carbon category. On the basis of the accumulated experience it is recommended that the metal be heated to 1600°C and higher prior to O_2 blow, to perform the blow at 10-20 atm excess pressure O_2, to diminish power feed after the blow so as to cool the metal and to deoxide the metal and the slag with lump and ground Fe-Si, Si-Ca, and Al. When the metal contains 12-16% Cr, loss thereof by burning comes to 2.2-3.9% and loss of Ni to 1-3%. A considerable amount of swarf is utilized in the charge. It is remarked that O_2 is employed to accelerate the melting down of the charge.

Card 1/2

Oxygen Applications in High-alloy Steelmaking

with the result that the duration of the melting period is shortened by 20-30 min and the consumption of electric power is diminished by 40-60 kwh/t steel.

A.Sh.

1. Steel--Processing 2. Oxygen--Applications

Card 2/2

PETROV, M.A.

New method of adding ferrotitanium to 1Kh18N9T steel. Lit. proizv. no.5:40-41 My '62. (MIRA 16:3)
(Steel alloys—Metallurgy)

VANEYEV, I.I.; PETROV, I.V.; PETROV, M.A.; LAZAREVSKIY, A.F.

Use of a recirculating water supply in the flotation of copper-nickel ores. Obog. rud 7 no.5:25-29 '62. (MIRA 16:4)
(Flotation--Water supply)

PETROV, M.A.; LUR'YE, Yu.Yu.

Determination dithiophosphates in industrial waste waters. Zav.lab. 29 no.4:416-418 '63. (MIRA 16:5)

1. Vsesoyuznyy nauchno-issledovatel'skiy i proyektnyy institut mekhanicheskoy obrabotki poleznykh iskopayemykh.
(Sewage--Analysis) (Thiophosphates)

PETROV, M.A., kand.tekhn.nauk

Selecting gear ratio and gear ratio series for automobile transmissions. Trudy Sib.avt.-dor.inst. no.6:49-72 '57. (MIRA 12:2)

(Automobiles--Transmission devices)

PETROV, M.A., prof., doktor tekhn. nauk

Electric power supply for passenger trains. Trudy MIIT no.95:4-15 '58. (MIRA 11:12)

(Railroads--Electric equipment)
(Railroads--Passenger cars)

PETROV, M.A.; NORMAN, E.A.; VOLODIN, A.P.; DENISOV, V.A.; KOCHKONOGOV, V.P.; BEGAM, L.G.; BARANOV, M.A.; TAVLINOV, V.K.; YENIKEYEV, G.Sh.; BARANOVA, A.I.; KUDRYAVTSEV, G.P.; MALYAVSKIY, B.K.; CHEGODAYEV, N.N.; SURIN, V.S.; GONIKBERG, I.V., retsenzent; ENGEL'KE, V A., retserzent; KHRAPKOV, V.A., retsenzent; AL'PERT, G.A., retsenzent; ALEKSEYEV, B.N., retsenzent; SKLYAROV, A.A., retsenzent ALEKSEYEV, Ye.P., retsenzent

[Railroad surveying; reference and methodological handbook] Izyskaniia zheleznykh dorog spravochnoe i metodicheskoe rukovodstvo. Moskva, Transport, 1964. 495 p. (MIRA 18:1)

1. Babushkin. Vsesoyuznyy nauchno-issledovatel'skiy institut transportnogo stroitel'stva. 2. Leningradskiy gosudarstvennyy proyektno-izyskatel'skiy institut Gosudarstvennogo proizvodstvennogo komiteta po transportnomu stroitel'stvu SSSR (for Gonikberg, Engel'ke, Khrapkov). 3. Sibirskiy gosudarstvennyy proyektno-izyskatel'skiy institut Gosudarstvennogo proizvodstvennogo komiteta po transportnomu stroitel'stvu SSSR (for Alekseyev, YeP.). 4. Moskovskiy gosudarstvennyy proyektno-izyskatel'skiy institut Gosudarstvennogo proizvodstvennogo komiteta po transportnomu stroitel'stvu SSSR (for Al'pert).

AUTHORS: Petrov, M.A., Ilarionov, V.A., Candidates of Technical Scien-

SOV/113-58-12-/17

TITLE: On the Determination of the Coefficient of Irregular Operating Condition of an Engine (Ob opredelenii koeffitsiyenta neustanovivshegosya rezhima raboty dvigatelya)

PERIODICAL: Avtomobil'naya promyshlennost', 1958, Nr 12, pp 15-19 (USSR)

ABSTRACT: Continuous changes of speed occur in an automobile under actual operation conditions, whereas all traction calculations are based on static speed conditions. The results of stand tests of the engine GAZ-M1, carried out according to the mentioned method, are shown in Figure 1. There is a considerable dispersion of the obtained experimental values. If the deviations are corrected by means of the average error, the graph in Figure 3 is obtained. Several investigators propose to determine the coefficient (coefficient of irregular operating condition) [Ref 1] by means of comparing the calculated and the experimental data. The possible error in this case is also extremely great. At present it is not known how the efficiency factor of the gear changes under irregular operating conditions. A method is described, de-

Card 1/2

On the Determination of the Coefficient of Irregular Operating Condition of an Engine

veloped by NAMI, which has been applied to engines of type MB. It consists in determining the speed characteristics of engines by means of an electric balance brake (Figure 6). The results show that even small changes may be determined with an exactness of ± 10%.
There are 8 graphs and 3 Soviet references.

ASSOCIATIONS: Sibirskiy avtomobil'no-dorozhnyy institut (Siberian Automobile-Road Institute). Moskovskiy avtomobil'no-dorozhnyy institut (Moscow Automobile-Road Institute)

Card 2/2

PETROV, M.A., inzh.

Hydraulic investigations of head-water flow guides of spillway dams. Nauch.dokl.vys.shkoly; stroi. no.3:214-221 '58. (MIRA 11:8)

1. Rekomendovana kafedroy gidrotekhnicheskikh sooruzheniy Moskovskogo inzhenerno-stroitel'nogo instituta imeni V.V. Kuybysheva.
(Spillways)

PETROV, M.A., prof., doktor tekhn.nauk

Study of the temperature distribution in discrete components of electric traction motors. Trudy MIIT no.117:32-38 '60.
(MIRA 13:10)

(Electric railway motors)
(Electric insulators and insulation)

PETRO, M.A., inzh.

Longitudinal profile of sections with steep elevation in curves of a radius less than 50 meters. Transp. stroi. 15 no.12. Ja '65.

PETROV, M.A., prof., doktor tekhn.nauk

Study of nonstationary processes in traction motors with [illegible] excitation. Trudy MIIT no. 171:4-14 '63. (MIRA [illegible])

PETROV, M.A.

Complex surgical and medical treatment of painful, ankylosing and deforming types of polyarthritis. Stud. cercet.endocr. 13 no.2: 273-275 '62

1. Institutul de medicina, catedra de propedeutica chirurgicala.
(ARTHRITIS therapy) (PARATHYROID GLANDS surgery)
(THYROID GLAND surgery) (PROCAINE therapy)

S/262/62/001/001/007/010
I014/I252

AUTHOR: Petrov M. A. and Gornushkin Yu. G.

TITLE: Engine performance under abrupt shutting of the throttle.

PERIODICAL Referativnyy zhurnal, Silovyye Ustanovki, no. 1, 1962, 74, Abstract 42.1.392 ("Avtomob prom.-st'." 1961, no. 3, 18–21).

TEXT: The performance is studied of the GAZ-51(GAZ-51) engine at decreasing speed. With the engine running at high idling speed (forced idling) the throttle was abruptly shut to the position corresponding to minimum idling speed. The change in rotational velocity of the crankshaft and the number of explosions in the cylinders were recorded on a magneto-electric oscillograph. Graphic relationships of the angular deceleration of the crankshaft were deduced, as well as that between the number of explosions and the rotational velocity. There are 5 figures and 2 references.

[Abstracter's note: Complete translation.]

Card 1/1

PETROV, M.A., kand. tekhn. nauk; ILARIONOV, V.A., kand. tekhn.nauk

Determining the coefficient of nonstationary operating conditions of engines. Avt. prom. no.12:15-19 D '58. (MIRA 11:12)

1.Sibirskiy avtomobil'no-dorozhnyy institut i Moskovskiy avtomobil'no-dorozhnyy institut.
(Automobiles--Engines)

PETROV, M.A., prof., doktor tekhn. nauk.

Special systems used in a.c. electric circuits. Trudy MIIT no.95: 60-65 '58. (MIRA 11:12)
(Electric circuits)

PETROV, M. A

AGGEYEV, P.K., prof.; ANDREYEVA-GALANINA, Ye.TS., prof.; BASHENIN, V.A., prof.; BERENSON, M.Ye., doktor med.nauk; VYSHEGORODTSEVA, V.L., prof.; GESSEN, A.I., dotsent; GUTKIN, A.Ya., prof.; ZHDANOV, D.A., prof., laureat Stalinskoy premii; ZNAMENSKIY, V.F., prof.; KLIONSKIY, Ye.Ye., prof.; MONASTYRSKAYA, B.I., prof.; MOSKVIN, I.A., prof.; MUCHNIK, L.S., kand.med.nauk; PETROV-MASLAKOV, M.A., prof.; RUBINOV, I.S., prof.; RYSS, S.M., prof.; SMIRNOV, A.V., prof., zasluzhennyy deyatel' nauki; TIKHOMIROV, P.Ye., prof.; TROITSKAYA, A.D., prof.; UDINTSEV, G.N., prof.; UFLYAND, Yu.M., prof.; FEDOROV, V.K., prof.; KHILOV, K.L., prof., zasluzhennyy deyatel' nauki; VADKOVSKAYA, Yu.V., prof.; MARSHAK, M.S., prof.; PETROV, M.A., kand.med.nauk; POSTNIKOVA, V.M., kand.med.nauk; RAPOPORT, K.A., kand.biolog.nauk; ROZENTUL, M.A., prof.; YANKELEVICH, Ye.I., kand.med.nauk; LYUDKOVSKAYA, N.I., tekhn.red.

[Book on health] Kniga o zdorov'e. Moskva, Gos.izd-vo med.lit-ry, Medgiz, 1959. 446 p. (MIRA 12:12)

1. Chlen-korrespondent Akademii meditsinskikh nauk SSSR (for Zhanov, Udintsev). 2. Leningradskiy sanitarno-gigiyenicheskiy meditsinskiy institut (for all, except Vadkovskaya, Marshak, Petrov, Postnikova, Rapoport, Rozentul, Yankelevich, Lyudkovskaya).
(HYGIENE)

USSR/Metals - Foundry, Furnaces Oct 51

"Increasing the Life of the Lining in Basic Electric-Arc Furnaces," M. A. Petrov, Engr, Mevs Plant imeni Lenin, Leningrad

"Litey Proizvod" No 10, pp 30,31

Describes various measures due to which plant decreased consumption of magnesite and dinas refractories by 50-65% and considerably improved endurance of lining. Life of walls reached 70-80 heats and life of roof--80-100

19873

USSR/Metals - Foundry, Furnaces (Contd) Oct 51

heats. Depression of cooling rings into arch and sealing of gaps around them with ground chrome ore instead of fire clay are some of these measures.

19873

PETROV, M. A.

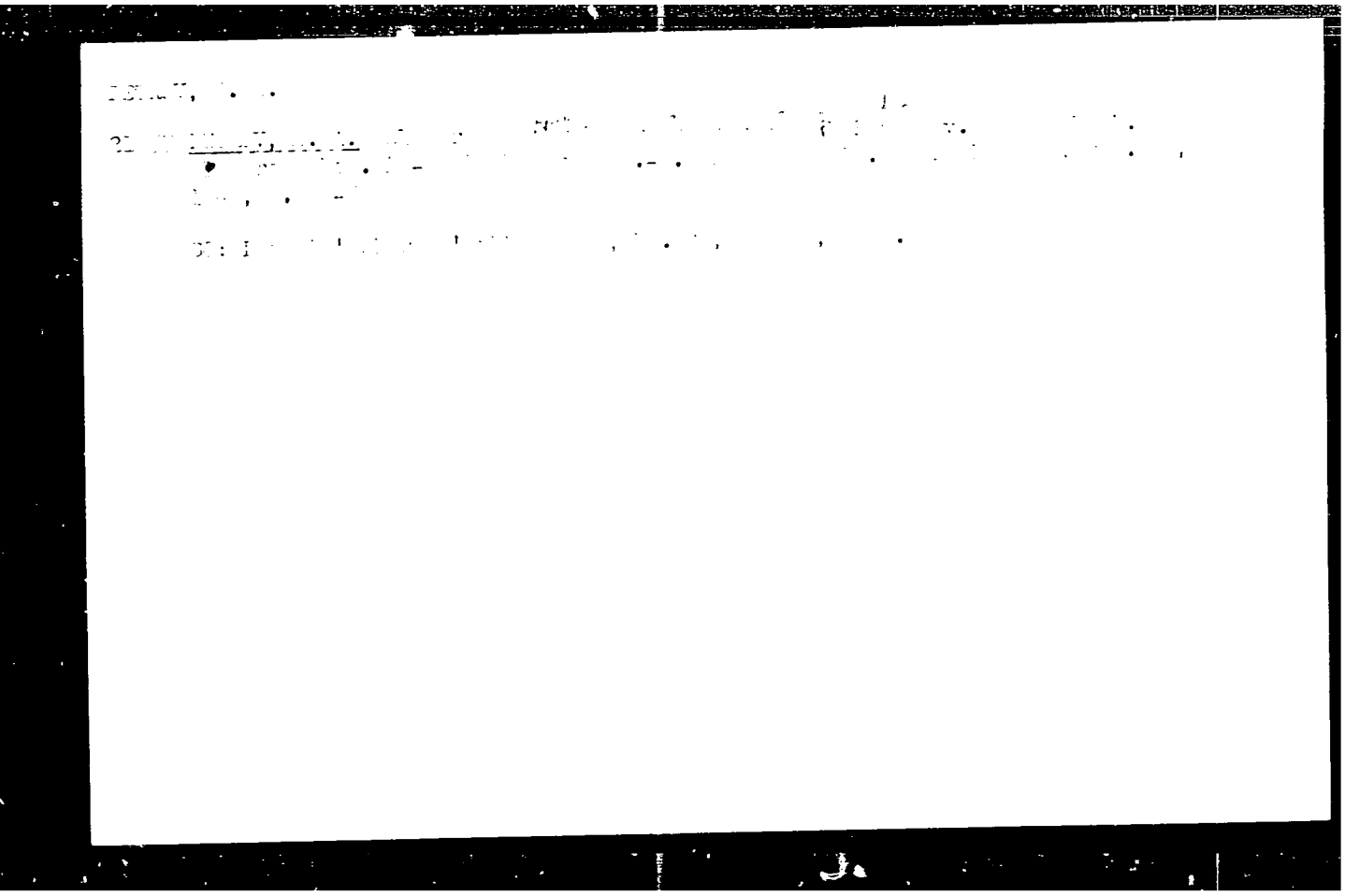
PETROV, M. A.

"Anthropometric and Anatomic-Physiological Substantiation of the Hygienic Rationalization of Standard Footwear." Thesis for degree of Cand. Medical Sci. Sub 21 Nov 52, Central Inst for the Advanced Training of Physicians

Summary 71, 4 Sep 52, Dissertations Presented for Degrees in Science and Engineering in Moscow in 1952. From Vechernyaya Moskva, Jan-Dec 1952.

PETROV, M.A., inzhener.

Accounting and distributing costs arising from the construction of hydroelectric power stations. Gidr. stroi. 26 no.3:55-56 Mr '57.
(Hydroelectric power stations) (MLRA 10:4)



PETROV, M.A., inzh.

More about the efficient profile of the new railroad. Transp. stroi. 12 no.10:38-40 O '62. (MIRA 15:12)
(Railroads—Track)

PETROV, M. A.

Petrov, M. A.

"Investigation of Some Problems in the Theory of Diesel Automobiles." Min Higher Education USSR. Moscow Automobile and Road Inst imeni V. M. Molotov. Omsk, 195-. (Dissertation for the Degree of Candidate in Technical Science)

So: Knizhnaya letopis', No. 2., 2 July 1955

PETROV, Mikhail Aleksandrovich; TKACHENKO, Vladimir Gerasimovich; TSYBULEVSKIY, B.L., red.; YERKHOVA, Ye.A., tekhn. red.

[Black guard of the Pentagon] Chernaia gvardiia Pentagona. Moskva, Izd-vo In-ta mezhdunarodnykh otnoshenii, 1962. 55 p. (United States--Army) (MIRA 15:6)

PETROV, Mikhail Aleksandrovich; OTOCHEVA, M.A., redaktor izdatel'stva; KONYASHINA, A., tekhnicheskiy redaktor

[How we organized continuous repair of trolley cars; work practice of the Sokolnikov car repairing factory in Moscow] Kak my organizovali potochnyi remont tramvainykh vagonov; iz opyta raboty sokol'nicheskogo vagonoremontnogo zavoda g.Moskvy. Moskva, Izd-vo Ministerstva kommunal'nogo khoziaistva RSFSR, 1956. 66 p. (MLRA 9:11)
(Streetcars--Maintenance and repair)

PETROV, M.A., professor, doktor tekhnicheskikh nauk, redaktor.

[Technical reference book for railroad engineers] Tekhnicheskii spravochnik zheleznodorozhnika. Vol.2.[Technical calculations] Tekhnicheskie raschety. Moskva, Gos. transp. zhel-dor. izd-vo, 1951. 796 p. (MLRA 7:2)
(Railroad engineering)

PETROV, M.A., professor, doktor tekhnicheskikh nauk; ZAKHARCHENKO, D.D., dotsent.

Ways of improving the use of power of electric machinery on electric rolling stock and diesel locomotives. Elek. i tepl. tiaga no.6:16-17 Je '57. (MLRA 10:8)

(Electric railroads)

PETROV, M.A., kand.tekhn.nauk; GORNYSHKIN, Yu.G.

Using the "running out method" for determining mechanical losses in engines. Avt.i trakt.prom. no.9:21 S '57. (MIRA 10:11)

1. Sibirskiy avtodorozhnyy institut im. Kuybysheva.
(Gas and oil engines--Testing)

PETROV, M.A., professor, doktor tekhnicheskikh nauk.

Problems of prolonging the life of electric locomotive traction engines. Trudy MIIT no.90/13:232-242 '56. (MLRA 10:4)
(Electric locomotives)

PETROV, M.A., kand.tekhn.nauk; GORNUSHKIN, Yu.G.

Engine performance during sudden closing of the throttle.
Avt.prom. no.3:18-21 Mr '61. (MIRA 14:3)

1. Sibirskiy avtomobil'no-dorozhnyy institut (SIBADI).
(Automobiles--Engines)

S/128/62/000/005/004/005
A004/A127

AUTHOR: Petrov, M.A.

TITLE: New method of adding ferrotitanium to the 1 X18 H9T (1Kh18N9T) grade steel

PERIODICAL: Liteynoye proizvodstvo, no. 5, 1962, 40 - 41

TEXT: Since the castings of 1Kh18N9T grade steel for gas blower parts did not meet the anti-corrosion specifications in a satisfactory way because of the low titanium content, new ways had to be found to ensure that, according to the technical specifications, a Ti-content five times higher than the carbon content was achieved. Thus after heating the metal in the furnace to 1,630 - 1,650°C the slag was completely drained off and the red-hot preheated ferrotitanium was applied to the bath surface, after which lime and fluorspar were added. To avoid titanium burning losses, aluminum powder in quantities of 0.5 - 0.8%/ton of charge was applied to the bath surface after draining off the slag. After heating the metal, the ferrotitanium was poured into the bath from a charging box suspended from a bridge crane. This method of ferrotitanium addition made

New method of adding ferrotitanium to ....

S/128/62/000/005/004/005
A004/A127

it possible to pour the metal at high temperatures. The Ti-content in test heats amounted to 0.55 - 1.0% while the average C-content was 0.08 - 0.10%, which ensures high anti-corrosion properties. It is pointed out that the Ti-content in the steel should not exceed 1.4 - 1.5% since this renders the cost price of the castings too expensive. The holding time of the preheated metal in the furnace after adding the ferrotitanium should not exceed 7 - 10 minutes to avoid titanium burning losses.

Card 2/2

PETROV-MASLAKOV, M.A., prof.; [illegible]
[illegible]

Minutes of the [illegible] meeting of the scientific [illegible]
Leningrad and Leningrad Province [illegible]
with the Leningrad Scientific Society of [illegible]
Gynecologists on March 13, 1963. [illegible]

PETROV, Mikhail Aleksandrovich, polkovnik; SMIRNOVA, R.P., red.; SOKOLOVA, G.F., tekhn. red.

[Bases of aggression] Bazy agressii. Moskva, Voenizdat, 1963. 117 p. (MIRA 16:5)
(North Atlantic Treaty Organization--Armed forces)
(United States--Armed forces--Foreign countries)

PETROV, M.D., otv. za vypusk; MORALEVICH, O.D., red. izd-va; RIDNAYA, I.V., tekhn. red.

[Rules for the classification and technical supervision of inland navigation ships. Put into effect by order of the Ministry of the River Fleet no.139 on August 18, 1961] Pravila klassifikatsii i tekhnicheskogo nadzora za sudami vnutrennego plavaniia. Vvedeny v deistvie prikazom MRF No.139 ot 18 avgusta 1961 g. Moskva, Izd-vo "Rechnoi transport," 1962. 217 p. (MIRA 16:6)

1. Russia (1917- R.S.F.S.R.)Rechnoy registr. (Ships—Inspection) (Ship registers)

VYSOTA, Ivan Iosifovich; PLAKHOV, Veniamin Semenovich; KUPRIYANOV, D.F., retsenzent; POTAPOV, N.S., retsenzent; PETROV, M.D., redaktor; SHLENNIKOVA, Z.V., redaktor izdatel'stva; KRASNAYA, A.K., tekhnicheskiy redaktor

[Ships' power plants] Sudovye silovye ustanovki. Moskva, Izd-vo "Rechnoi transport," 1957. 359 p. (MLRA 10:7)
(Marine engines)

KALINIK, Vyacheslav Pavlovich; SHAMOV, Aleksandr Vasil'yevich; PETROV, M.D., redaktor; VYSOTA, I.I., retsenzent; FEDOROV, V.B., retsenzent; KAN, P.M., redaktor; KRASNAYA, A.K., tekhnicheskiy redaktor.

[Training manual for marine boiler tenders] Posobie dlia podgotovki sudovykh kochegarov. Moskva, Izd-vo "Rechnoi transport," 1955. 163 p. (MLRA 8:10)
(Boilers, Marine)

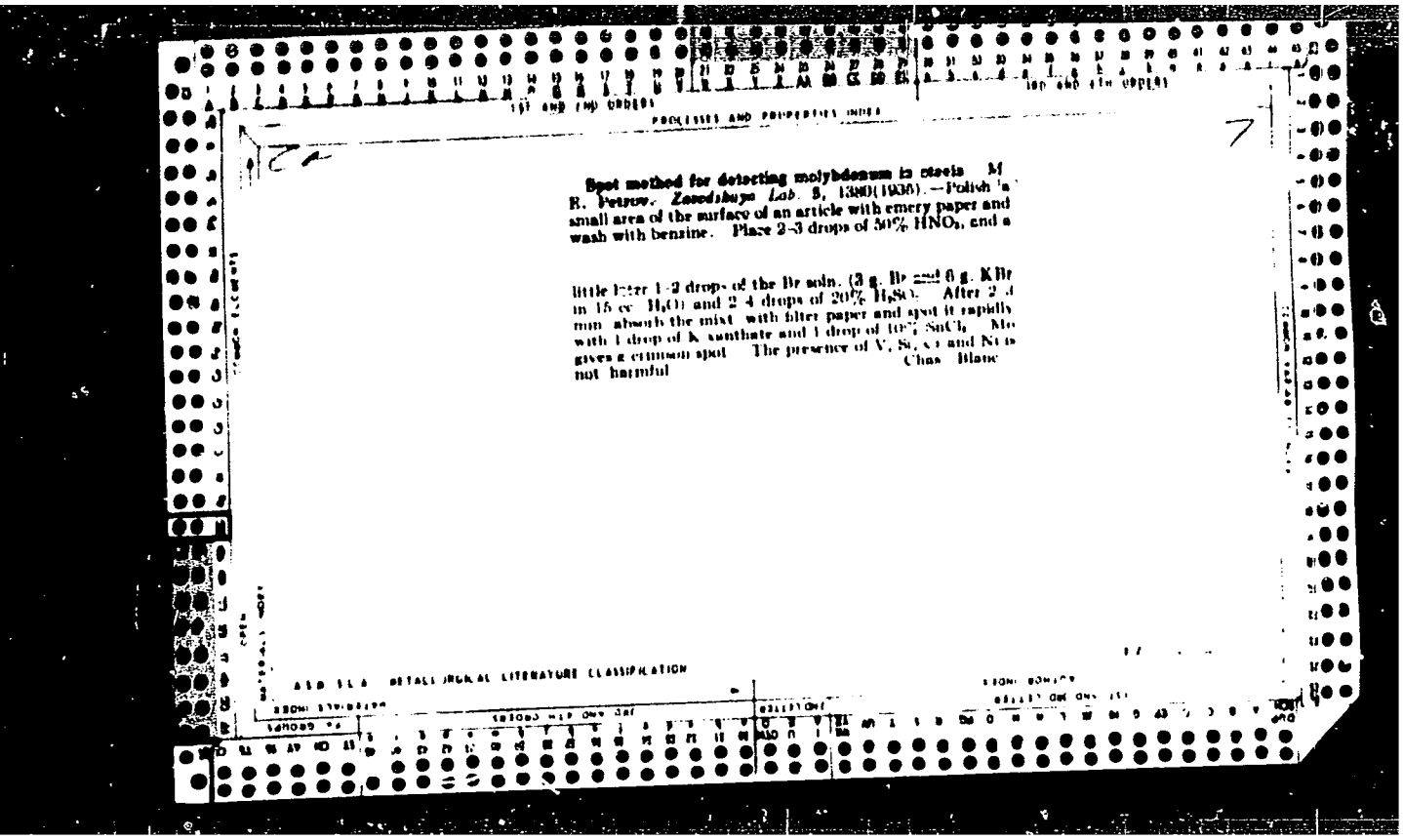
PETROV, M. D. (Engr.)

The use of substitutes for non-ferrous metals in the parts used ... packing the stuffing ...

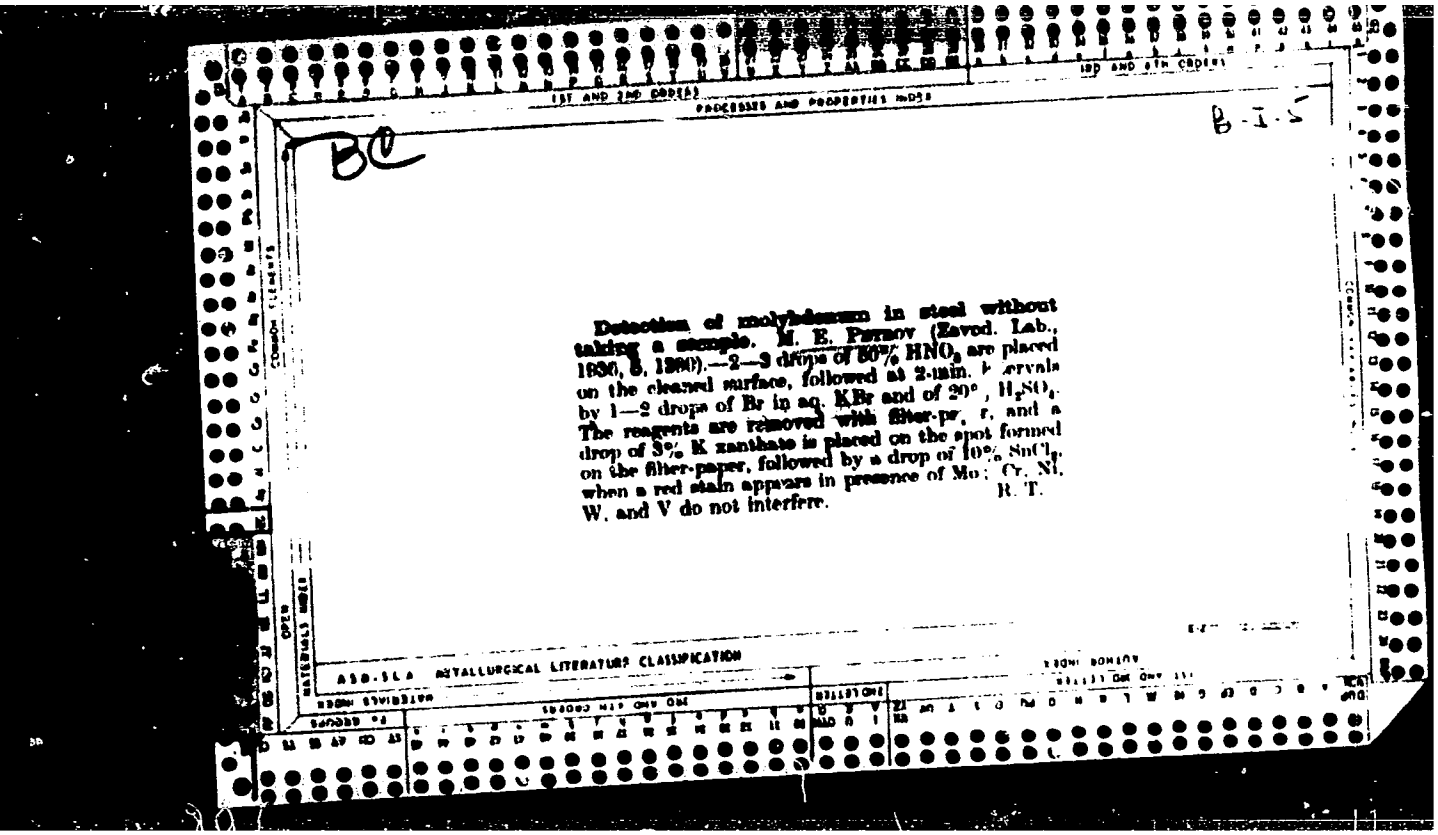
Vest Mash p. 31, Oct ...

ANTONOVICH, Sergey Aleksandrovich, kand.tekhn.nauk; NOVIKOV, Viktor Vasil'yevich, inzh.; RENSKIY, Nikolay Mikhaylovich, inzh.; POMKINSKIY, Leonid Ivanovich, inzh.; SHIMKO, Konstantin Nikolayevich, kand.tekhn.nauk. Prinimal uchastiye SMANTSER, A.I., inzh. AL'BANOV, V.M., inzh., nauchnyy red.; LAKHANIN, V.V., prof., doktor tekhn.nauk, retsenzent; KULIKOVSKIY, P.P., kand.tekhn.nauk, retsenzent [deceased]; STEPANYUK, Ye.I., kand.tekhn.nauk, retsenzent; PAVLOV, A.V., inzh., retsenzent; PETROV, M.D., inzh., retsenzent; RON'ANOV, P.A., inzh., retsenzent; SOBOLEV, P.I., inzh., retsenzent; VITASHKINA, S.A., red.izd-va; YERMAKOVA, T.T., tekhn.red.; VOLCHOK, K.M., tekhn.red.

[Handbook for marine heat engineers] Spravochnik sudovogo teplotekhnika. Sost. S.A.Antonovich i dr. Leningrad, Izd-vo "Rechnoi transport," Leningr.otd-nie, 1960. 679 p. (MIRA 14:3)
(Marine engineering) (Heat engineering)



Spot method for detecting molybdenum in steels. M. R. Petrov. *Zavodskaya Lab.* 5, 1380(1936).—Polish a small area of the surface of an article with emery paper and wash with benzine. Place 2–3 drops of 50% HNO_3, and a little bitter 1–2 drops of the Br soln. (3 g. Br and 6 g. KBr in 15 cc. H_2O) and 2–4 drops of 20% H_2SO_4. After 2–3 min. absorb the mixt. with filter paper and spot it rapidly with 1 drop of K xanthate and 1 drop of 10% $SnCl_2$. Mo gives a crimson spot. The presence of V, Si, Cr and Ni is not harmful. Chas. Blanc



Detection of molybdenum in steel without taking a sample. M. E. Parnov (Zavod. Lab., 1950, 5, 1280).—2—3 drops of 50% HNO_3 are placed on the cleaned surface, followed at 2-min. intervals by 1—2 drops of Br in aq. KBr and of 20% H_2SO_4. The reagents are removed with filter-paper, and a drop of 3% K xanthate is placed on the spot formed on the filter-paper, followed by a drop of 10% $SnCl_2$; when a red stain appears in presence of Mo; Cr, Ni, W, and V do not interfere. R. T.

[illegible]ALYUTIN, K.G., [illegible] [illegible] Yu.[illegible], red.; [illegible], red.; [illegible]

[List of the higher plants [illegible] Province] [illegible] [illegible] vysshikh rastenii [illegible] oblasti. Sverdlovsk, Ural'sk. [illegible] [illegible]. 65 p. (MIRA [illegible])

PETROV, M.F.

Ways for establishing nut producing Siberian pine plantations in the Southern Urals. Trudy Inst. biol. UFAN SSSR no. 25:115-119 '61. (MIRA 15:6)

(Ural Mountain region--Pine)

PETROV, M.F.

Siberian pine stands occurring in the vicinity of settlements in the Urals and Western Siberia. Okhr. prir. na Urale no.1:61-68 '60. (MIRA 14:4)

(Ural Mountain region—Pine)
(Siberia, Western—Pine)

COUNTRY : USSR

CATEGORY : For stry. Forest Management

PERIOD. : Biol., No. 2, 1958, No.

AUTHOR : Tselnovskiy, A.I., Petrov, V.F.

INST. :

TITL : [illegible] of forest stands [illegible] in Siberia [illegible]

SOURCE : Lesn. kh-vo, 1958, No.1, 17-19

ABSTR. : [illegible] Tomskaya Oblast [illegible] Siberian silkworm [illegible] recommendations are given [illegible] and maximum [illegible] stands for [illegible]

CARD: 1/

PETROV, Mikhail Filippovich; KHALATIN, S.A., red.; SVETLAYEVA, A.S., red. izd-va; LOBANKOVA, R.Ye., tekhn. red.

[Cedar forests and their utilization] Kedrovye lesa i ikh ispol'zovanie. Moskva, Goslesbumizdat, 1961. 129 p. (MIRA 14:9)
(Forest products) (Cedar)

PETROV, M.F. (Sverdlovsk)

Cedar grove in Udmurtia. Priroda 51 no.6:114-115 Je '62. (MIRA 15:6)

(Udmurt A.S.S.R.--Cedar)

SOV/26- -4-9/43

30(1)
AUTHOR: Petrov, M.F.

TITLE: Preservation and Extension of Cedar [illegible] Ural and West Siberia (Sokhranit' i [illegible] Kedrovniki Urala i Zapadnoy Sibiri)

PERIODICAL: Priroda, 1959, Nr 4, pp 45-46 (USSR)

ABSTRACT: The author describes the vast cedar areas in the Ural and West Siberia covering the Verkhe[illegible] Rayon, Perm' Oblast and extending along the Chu-ra and Tagil rivers and to the north-east along the Tobol, Irtysh and Ob' and around Tomsk. In 1921, the Soviet state decided to utilize the cedar fruit and built 3 oil mills in West Siberia. Recently, the yields of cedar trees decreased considerably due to premature storing or cutting down of trees for building farm-yards or railroad lines. The author strongly criticizes this situation and points out that cedar trees in the Ural and West Siberia

Card 1/2

Preservation and Extension of Cedar Areas in the Ural and West Siberia

are not only of great value because of their fruit but also as seedling gardens providing the necessary planting material for cultivating virgin soil near the Altay Kray. There is 1 photo.

ASSOCIATION: Ural'skiy nauchno-issledovatel'skiy institut sel'skogo khozyaystva (Sverdlovsk) (Ural Scientific Research Institute of Agriculture) (Sverdlovsk)

USSR / Forestry. Forest Management. X

Abs Jour : Ref Zhur - Biologiya, No 18, 1958, No. 82208

Author : Petrov, M. F.
Inst : Siberian Botanical Garden, Tom Univ.
Title : Problem of Complex Utilization of Cedars Surrounding a Village

Orig Pub : Byul. Sibirsk. botan. sada (Tomskiy un-t), 1958, vyp 5, 54-59

Abstract : No abstract given

Card 1/1

PETROV, M.F.

Comprehensive utilization of Siberian pine stands located near settlements. Biul.Sib.bot.sada no.5:54-59 '58. (MIRA 12:11)

1. Tomskoye oblastnoy pravleniye Nauchno-tekhnicheskogo obshchestva lesnoy promyshlennosti.
(Tomsk Province—Pine)

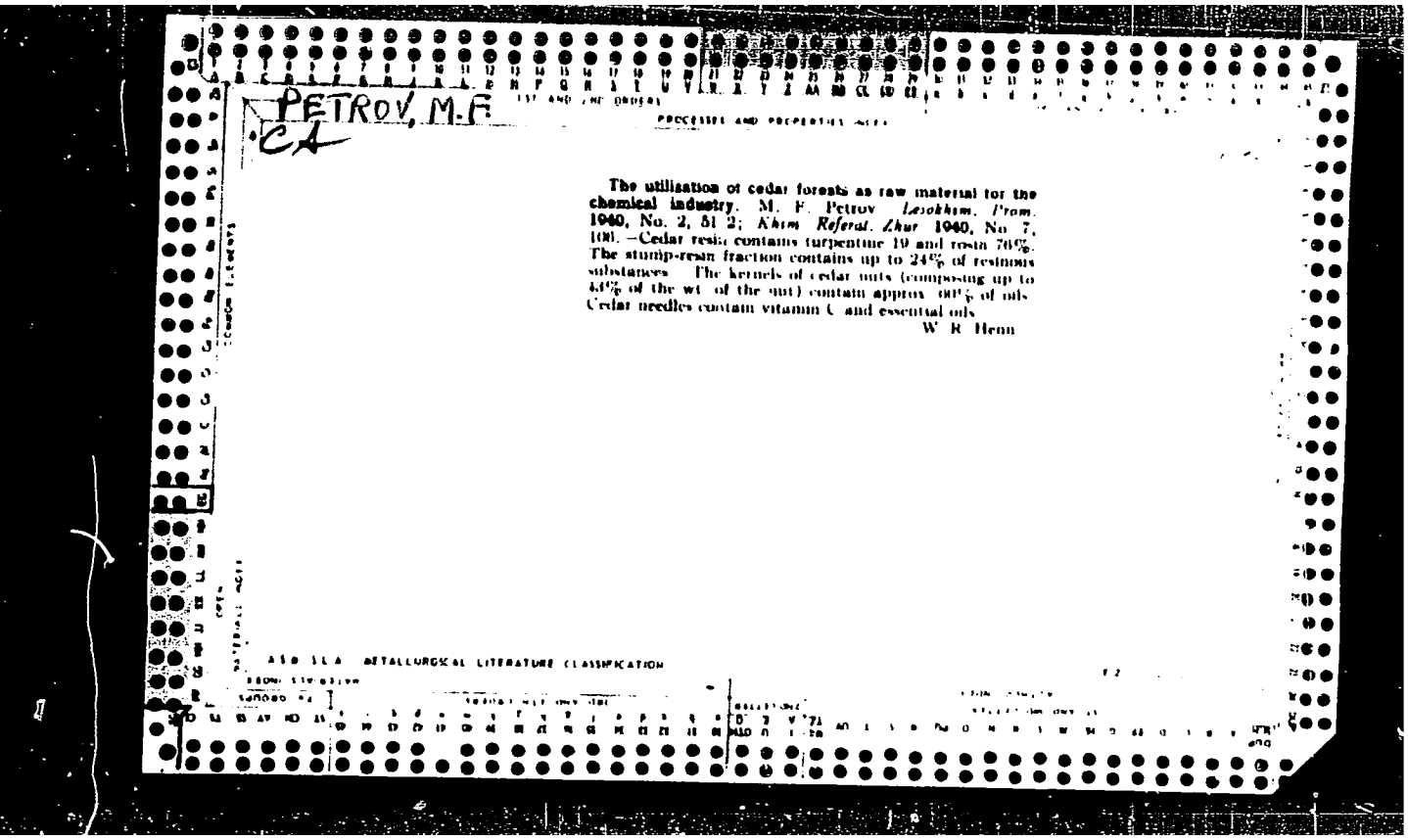
1. PETROV, M. F.

2. SSSR. (600)

4. Pine

7. Importance of the Siberian cedar in shelterbelt forestry.
Trudy Tomsk. un. 114, 1951

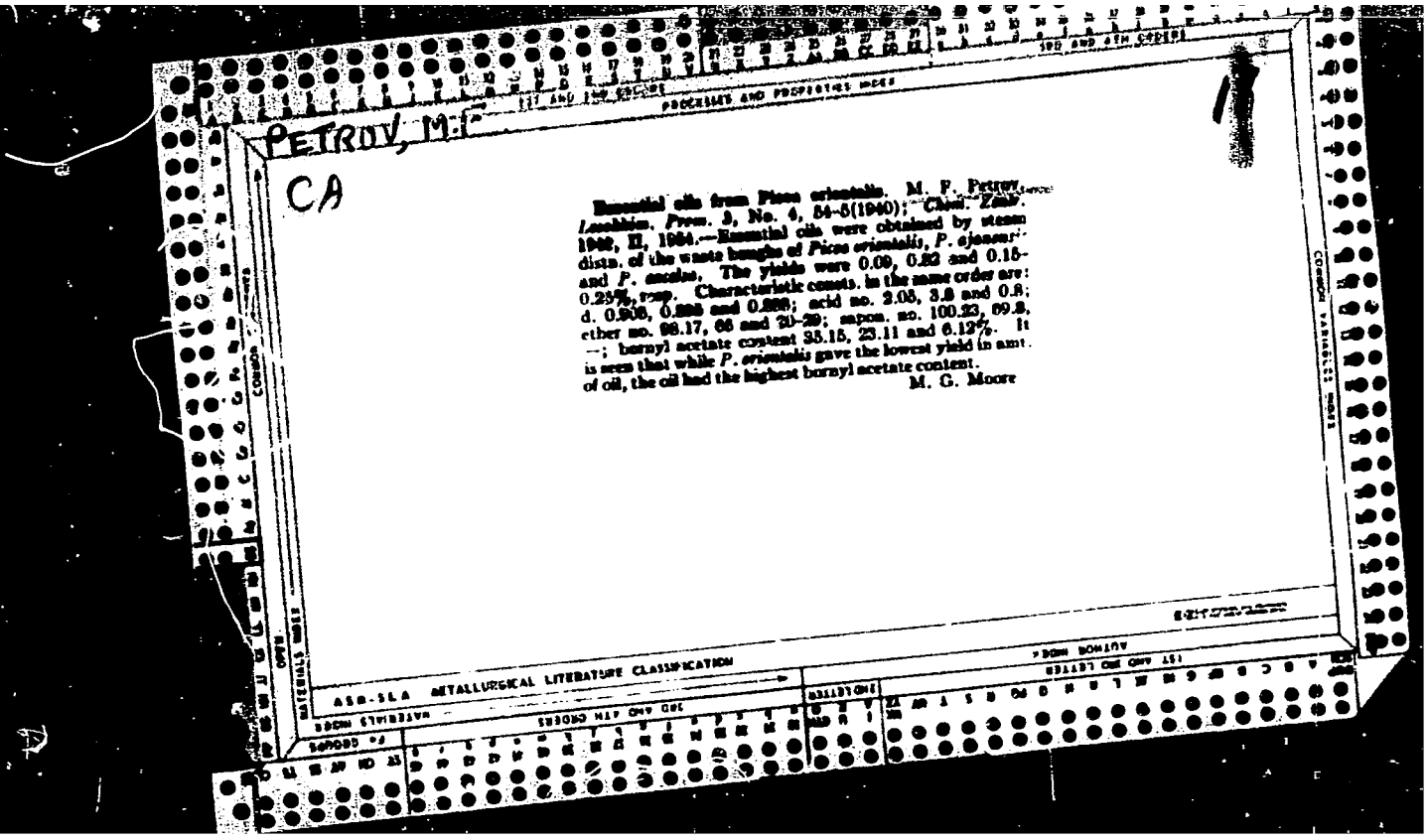
9. Monthly Lists of Russian Accessions, Library of Congress, March 1953, Unclassified.



PETROV, M.F.
CA

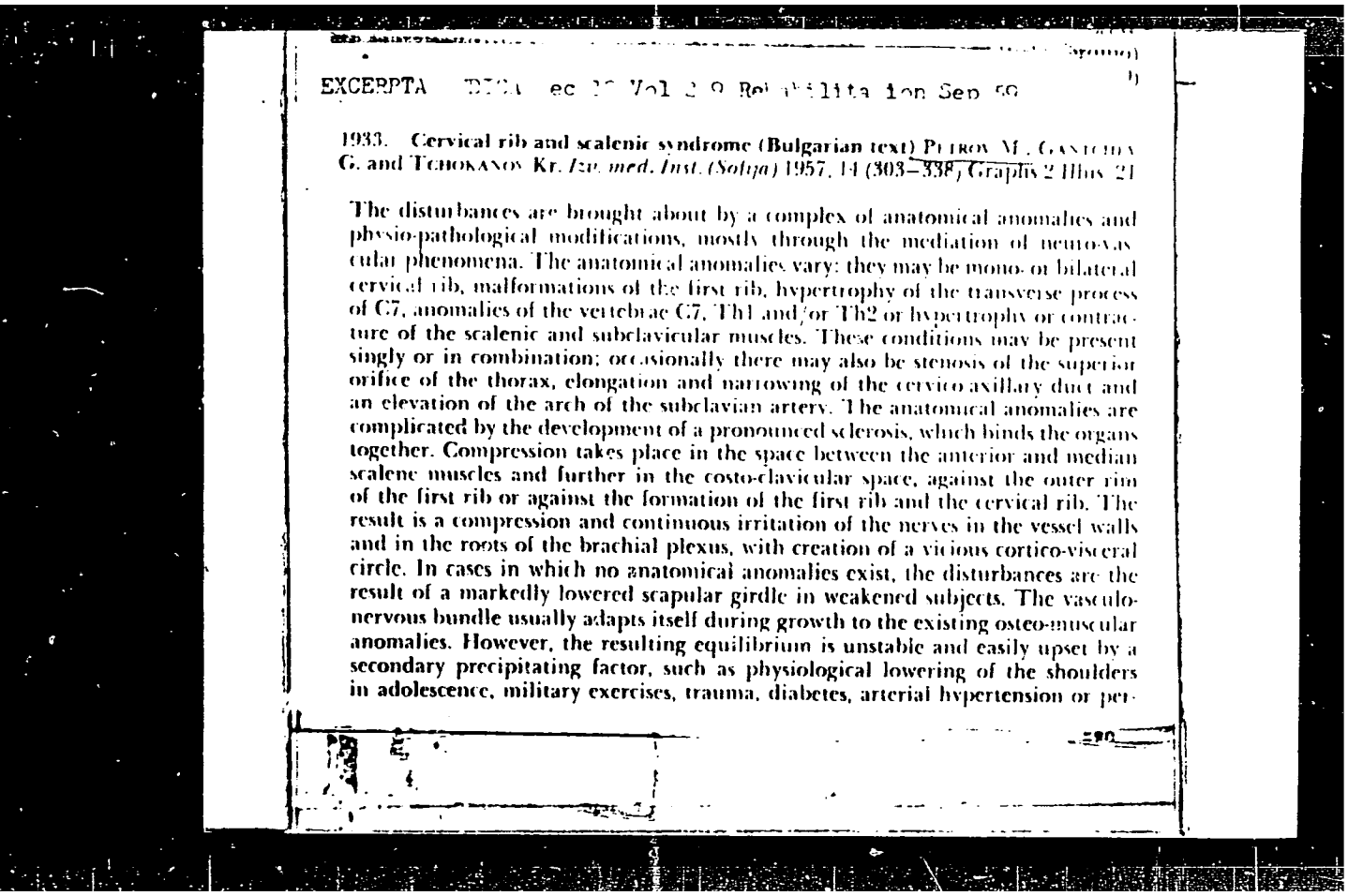
The utilisation of cedar forests as raw material for the chemical industry. M. F. Petrov. *Lesokhim. Prom.* **1940**, No. 2, 51-2; *Khim. Referat. Zhur.* **1940**, No. 7, 101.—Cedar resin contains turpentine 19 and resin 76%. The stump-resin fraction contains up to 24% of resinous substances. The kernels of cedar nuts (composing up to 64% of the wt. of the nut) contain approx. 60% of oils. Cedar needles contain vitamin C and essential oils.

W. R. Henn



Essential oils from Picea orientalis. M. P. Petrov, Lesokhim. Prom. 3, No. 4, 54-5(1940); Chem. Zentr. 1940, II, 1984.—Essential oils were obtained by steam distn. of the waste boughs of *Picea orientalis*, *P. ajanensis* and *P. excelsa*. The yields were 0.09, 0.82 and 0.18-0.25%, resp. Characteristic consts. in the same order are: d. 0.908, 0.888 and 0.888; acid no. 2.05, 3.8 and 0.8; ether no. 98.17, 66 and 20-29; sapon. no. 100.23, 69.8, —; bornyl acetate content 35.15, 23.11 and 6.12%. It is seen that while *P. orientalis* gave the lowest yield in amt. of oil, the oil had the highest bornyl acetate content.

M. G. Moore



EXCERPTA [illegible] Vol 2 9 Re[illegible]lita ion Sep 59

1933. **Cervical rib and scalenic syndrome (Bulgarian text)** PETROV M., GANTCHEV G. and TCHOKANOV Kr. *Izv. med. Inst. (Sofija)* 1957, 14 (303–338) Graphs 2 Illus 21

The disturbances are brought about by a complex of anatomical anomalies and physio-pathological modifications, mostly through the mediation of neuro-vascular phenomena. The anatomical anomalies vary: they may be mono- or bilateral cervical rib, malformations of the first rib, hypertrophy of the transverse process of C7, anomalies of the vertebrae C7, Th1 and/or Th2 or hypertrophy or contracture of the scalenic and subclavicular muscles. These conditions may be present singly or in combination; occasionally there may also be stenosis of the superior orifice of the thorax, elongation and narrowing of the cervico axillary duct and an elevation of the arch of the subclavian artery. The anatomical anomalies are complicated by the development of a pronounced sclerosis, which binds the organs together. Compression takes place in the space between the anterior and median scalene muscles and further in the costo-clavicular space, against the outer rim of the first rib or against the formation of the first rib and the cervical rib. The result is a compression and continuous irritation of the nerves in the vessel walls and in the roots of the brachial plexus, with creation of a vicious cortico-visceral circle. In cases in which no anatomical anomalies exist, the disturbances are the result of a markedly lowered scapular girdle in weakened subjects. The vasculo-nervous bundle usually adapts itself during growth to the existing osteo-muscular anomalies. However, the resulting equilibrium is unstable and easily upset by a secondary precipitating factor, such as physiological lowering of the shoulders in adolescence, military exercises, trauma, diabetes, arterial hypertension or per-

1933

sistent nervous irritation. The absence of clinical manifestations in the majority of the cases of cervical rib, and the late occurrence of the disturbances in many others, are explained by the late occurrence of the critical moment. The clinical manifestations are ischaemic disturbances, trophic disturbances, paresis with pain and swelling of the corresponding supraclavicular region. The diagnosis is confirmed by radiological and arteriographic evidence. The arterial disturbances may consist in abnormally high position of the subclavian artery, adhesions to adjacent organs, arterial spasm, subclavicular aneurysm, subclavicular thrombosis or thrombosis of distant vessels, and thinness of the distal arteries in the extremity. The arterial lesions indicate, by their nature, the existence of reflex nervous disturbances. Treatment varies according to the disturbances and the causative lesions. In cases with bone compression and pronounced disturbances a radical operation is proposed with resection of the anterior scalene muscle, or of the anterior scalene muscle and the anterior parts of the cervical and first ribs together with peri-subclavicular sympathectomy. This is a difficult and time-consuming operation which requires a wide operative access. In cases with a small cervical rib, situated posteriorly or in the absence of cervical rib, the hypertrophied scalene muscles are resected with freeing of all adhesions of the region and of the arch of the subclavian artery, combined with peri-subclavicular sympathectomy, and, where necessary, with section of the branches impeding the lowering of the arterial arch. If the membranes enveloping the brachial plexus are sclerotic, extensive neurolysis must be carried out. In cases where there is a simple lowering of the shoulder girdle physiotherapy and a change of occupation will bring about recovery. In case of genuine aneurysm the aneurysmal sac must be resected with restoration of the continuity of the arterial trunk, and in case of arterial obliteration arteriectomy must be carried out.

(XIX, 8, 9)

PETROV, M.I., inzh.

Rapid turner S.M. Bushuev. Mashinostroitel' no.11:23-27 N '57.
(MIRA 10:10)

1.Moskovskiy avtomobil'nyy zavod im. I.A. Likhacheva.
(Bushuev, Sergei Mikhailovich)
(Metal cutting)

PETROV, M.I., inzh.

Powerful presses. Mashinostroitel' no.12:7-8 D '57. (MIRA 10:12)

1. Nachal'nik tekhnologicheskogo byuro po pressostroyeniyu Avtozavoda imeni I.A.Likhacheva.

(Power presses)

AUTHOR: Petrov, M.I., Engineer

TITLE: Turner-Innovator A.V. Popkov (Tokar'-novator A.V. Popkov

PERIODICAL: Mashinostroitel', 1958, Nr 9, pp 30-32 (USSR)

ABSTRACT: Information is presented on Aleksandr Vasil'yevich Popkov, a turner at the Moskovskiy avtozavod imeni Likhacheva (Moscow Automobile Plant imeni Likhachev) whose unceasing concern is to develop new work methods and operations. The article mentions some of the devices designed by Popkov, including: a new cutting-off tool (Fig. 1); a floating mandrel for boring apertures (Fig. 2) and its improved design (Fig. 3); a cutting face-edge of improved design for machining casings of wedge gate valves (Fig. 4,5); a special cutter for machining pump supports and plates (Fig. 6); a simple device for machining supports of six-spindle semi-automats (Fig. 7); a welding device for boring crankcases of power trucks (Fig. 8). There are 8 diagrams and 1 photo.

1. Automobile industry--USSR 2. Machine tools--Design 3. Performance --Performance

Card 1/1

PETROV, M.I.

Interaction of the mechanisms of warp tension and beaming. Tekst.prom. 18 no.12:36-38 D '58. (MIRA 11:12)
(Warping machines)

PETROV, M.I., inzh.

Importance of an elastic mounting of the reed. Tekst. prom. 19 no.7:49-51 Jl '59. (MIRA 12:11)
(Looms)

PETROV, M. I. Guns Technical -- "Study of the combined operation of mechanisms for releasing, the warp beam winding, on the loom." Kiev, Min of Higher and Secondary Specialized Education Ukr SSR, Kiev Textile Inst, (AL, 1-61, 196)

-End-

PETROV, M.I., starshiy nauchnyy sotrudnik

Warp thread tension mechanisms for silk looms. Tekst.prom. 21 no.2:47-49 Ja '61. (MIRA 14:3)

1. TSentral'nyy nauchno-issledovatel'skiy institut shelkovoy promyshlennosti.

(Looms)

PETROV, M.I., kand.istor.nauk, Geroy Sovetskogo Soyuza (Kiyev)

In memory of F.M.Mikhailov, physician and partisan; on the 15th anniversary of his death. Vrach.delo no.10:1101-1103 O '57.
(MIRA 10:12)

(MIKHAILOV, FEDOR MIKHAILOVICH, d.1942)
(SLAVUTA DISTRICT--WORLD WAR, 1939-1945--UNDERGROUND MOVEMENTS)

YEFIMOVA, F.V.; PETROV, M.I.

Hypotensive effect of preparations from the roots of Ferula [illegible] officinalis (L.). Farm.i toks. 29 no.3:292-294 My-Je '66. (MIRA 19:2)

1. Kafedra farmakognozii (zav. - dotsent D.A.Murav'yeva) i kafedra farmakologii (zav. - prof. F.D.Sokolov) Pyatigorskogo farmatsevticheskogo instituta.

PETROV, M.K. , kapitan dal'nego plavaniya; BUKHANOVSKIY, I.L., retsenzent; LENISOV, N.I., spets. red.; BOCHEK, A.P., spets. red.; TROFIMOV, A.V., tekhn. red.

[Marine signaling] Morskaia signalizatsiia. Moskva, Izd-vo "Morskoi transport," 1952. 271 p. (MIRA 16:7)
(Merchant marine--Signaling)

PETROV, M. K. DECEASED

Navigation see ILC