

Kinetics of the High Pressure Polymerization of
Methylmethacrylate

76-32-5-8/47

ASSOCIATION: Politekhnicheskiy institut im. M.I. Kalinina, Leningrad
(Leningrad Polytechnical Institute imeni M.I. Kalinin)

SUBMITTED: November 9, 1956

1. Acrylic resins--Polymerization 2. Polymerization--
Analysis 3. Mathematics--Applications

Card 3/3

MELEKHONOVА, I.I.

PROSKURNIN, M.A.; KHMEL'NITSKIY, Yu.L.; BARELKO, Ye.V.; SLEPNEVA, A.T.
MELEKHONOVА, I.I.

Influence of gamma-rays on the oxidation of cetane. Dokl. Ak SSSR
112 no.5:886-889 F '57. (MLRA 10:4)

1. Nauchno-issledovatel'skiy fiziko-khimicheskiy institut im. L.Ya.
Karpova. Predstavлено akademikom A.N. Frumkinym.
(Gamma rays) (Hexadecane)

KHMELOVITSKIY, Yu.L.; SLEPNEVA, A.T.; MELEKHONOV, I.I.

Oxidation of industrial paraffin under gamma radiation. Khim.
i tekhn.topl. i mazel 4 no.1:25-27 Ja '59. (MIRA 12:1)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut neftyanoy
promyshlennosti.
(Paraffins) (Gamma rays)

S/844/62/000/000/061/129
D204/D307

AUTHORS: Khmel'nitskiy, Yu. B., Melekhonova, I. I., Nesterovskiy,
V. V. and Nikitina, V. M.

TITLE: Radiational oxidation of paraffin and other hydrocarbons

SOURCE: Trudy II Vsesoyuznogo soveshchaniya po radiatsionnoy khimi-
ii. Ed. by L. S. Polak. Moscow, Izd-vo AN SSSR, 1962,
362-366

TEXT: The aerial oxidation of γ irradiated technical paraffin was studied in continuation of earlier work. At 130°C, with irradiation of 0 - 350 r/sec (over 3-hr periods), it was found that the rate of reaction increased with increasing dose of γ rays. The overall reaction time was 11 hours. The extent of oxidation (as assessed by the acid number) rose with increasing temperature to a gentle maximum at 150°C for paraffin through which air was bubbled, and which was irradiated at 215 - 455 r/sec; above 150°C other oxidation products formed in preference to acids. A similar phenomenon was observed for the alcohols. The extent of oxidation was greatly increased in

Card 1/2

Radiational oxidation of ...

3/344, 62, 000, 0, 0, 0, 0
D204/D307

The case of air-formed paraffin when the temperature was raised from 120 to 160°C. The yields of carboxylic and hydroxylic compounds were higher in the combined presence of irradiation and catalyst (KMnO_4) than when these agents were used individually. Oxidation occurred at 130°C when vacuum-degassed paraffin was irradiated and held in the absence of oxygen, or when paraffin was held in air but was not irradiated. Slow reaction was observed when oxygen was introduced after irradiation had ceased. Preliminary experiments on p-xylene, diethylbenzene and an oil ("an fraction mainly decene-1) showed that longer side-chains increased the susceptibility of the corresponding organic compounds towards oxidation; the aromatics oxidized largely to carbonyls whilst the decene fraction gave rise to hydroxylic products. The radiation yield was high. The assistance of graduate students of the Moscow Gospromtekhnicheskiy institut im. D. I. Mendeleyeva (Moscow Chemical and Technological Institute im. D. I. Mendeleyev), N. V. Hestov, A. T. Kop'yev and S. V. Kalinin, working under the supervision of professor of Chemical Sciences A. I. Kamneva, is acknowledged. There are 1 figure and 2 tables.

ASSOCIATION: VNII NP

Card 2/2

KHMEL'NITSKIY, Yu.L.; MELEKHONOV, I.I.; NESTEROVSKIY, V.V.

Oxidation of technical paraffin by oxygen with the aid of gamma rays. Neftekhimiia 2 no.3:368-371 My-Je '62. (MIRA 15:8)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut po pererabotke nefti i gaza.
(Paraffins) (Oxygen) (Gamma rays)

MELEKHOV, A.

Practical skills are the main thing. Voen. znan. 34 no.8:22 Ag '58.
(MIREA 11:12)

1. Predsedatel' komiteta pervichnoy organizatsii Dobrovol'nogo
obshchestva sodeystviya armii, aviatsii i flotu zavoda imeni G.I.
Petrovskogo.

(Air defenses)

MELEKHOV, D. Central Institute of Psychiatry, Moscow
Rehabilitation of psychoneurotic World War II patient in USSR
Occupational Therapy and Rehabilitation, Baltimore, 1947, 26/5 (388-393)

The author describes the organization, in being and projected for the treatment and after care of the wounded veterans in the USSR. As I understand it, no separate provision is made for the treatment and rehabilitation of the psychoneurotic. The title of this article is thus somewhat misleading.

Rees-Horsham

SO: Excerpta Medica, Neurology and Psychiatry, Section VIII Vol I No 8

MELEKHOV, D. Ye.

Melekhov, D. Ye. - "Fundamental stages and perspectives in the development of work-rehabilitation psychiatric consultations in the USSR," Trudy Tsentr. in-ta psichiatrii, Vol. IV, 1949, p. 450-60

SO: U-4934, 29 Oct 53, (Letopis 'Zhurnal 'nykh Statey, No. 16, 1949).

MELEKHOV, D.Ye.; KAMENSKAYA, V.M.

Clinico-pathologic studies on remote sequelae in closed cerebrocranial injuries. Zh. nevropat. psichiat., Moskva 53 no.8:595-606 Aug 1953.
(CLML 25:4)

1. Laboratory of the Pathophysiology of Higher Nervous Activity and Border Forms of Neuro-Psychic Diseases and Medical Work Certification of the State Institute of Psychiatry of the Ministry of Public Health RSFSR.

MELEKHOW, D.Ye.

Fifth out-of-town scientific session of the Scientific Research
Institute of Psychiatry of the Ministry of Public Health of the
R.S.F.S.R. and the inter-Province Conference of Psychoneurologists
of Eastern Siberia and the Far East. Zhur.nevr.i psikh. 54 no.2:206-
207 F '54.
(MLRA 7:3)
(Neuropathology)

MELEKHOV, D.Ye.

Current problems in the field of improvement of the quality of therapeutic and prophylactic services for psychical patients in rural areas. Zhur. nevr. i psikh. 54 no.8:627-633 Ag '54.
(MLRA 7:9)

1. Nauchno-issledovatel'skiy institut psichiatrii Ministerstva zdravookhraneniya RSFSR.

(PSYCHIATRY,

in Russia, improvement of psychiatric serv. in rural areas)

(RURAL CONDITIONS,

in Russia, psychiatric serv. for rural population)

MELEKHOV, D. Ye.
USSR/Medicine - Pharmacology

FD-2815

Card 1/1 17, 17/19

Author : Tsivil'ko, V. S.

Title : Pathohistological changes in the cerebrum of dogs during sodium amytal sleep.

Periodical : Byul. eksp. biol. i med. 6, 64-67, June 1955

Abstract : To clarify the phases of toxicity of various soporific preparations, author investigated the effect of sodium amytal on the higher nervous activity of two dogs. Samples taken from different parts of the brain revealed pathohistological changes. Some were reversible (swelling edema of the nerve cells) others permanent and serious (karyocytolysis, breakdown foci, hemorrhages) revealing the toxic effect of the preparation. 3 references, 3 USSR, 3 since 1940, microphotographs.

Institution : Histopathological and Pathophysiological Laboratory, State Institute of Psychiatry (Dir: Docent D. Ye. Melekhov) Ministry of Health RSFSR, Moscow

Submitted : 25 June 1954

MELEKHOV, D.Ye.,; KAMENSKAYA, V.M.

Clinicopathophysiologic study of late sequelae of closed cerebrocranial injuries. Report no.2: Various forms of traumatic dementia. Zhur.nevr. i psikh. 55 no.9:641-649 '55(MLRA 8:11)

1. Klinicheskoye otdeleniye pogranichnykh form psikhicheskikh zabolеваний i vrachebnotrudovoy ekspertizy (zav.prof. T.A.Geyer) i patofiziologicheskaya laboratoriya (zav.prof. S.D. Kaminskij) Gosudarstvennogo nauchno-issledovatel'skogo instituta psichiatrii Ministerstva zdravookhraneniya RSFSR, Moskva.
(MENTAL DISORDERS, etiology and pathogenesis,
head inj.)
(HEAD, wounds and injuries,
causing dementia)
(WOUNDS AND INJURIES,
head, causing dementia)

MELAKHOV, D.Ye., dotsent (Moskva)

The rural district physician and therapeutic and prophylactic care
of mental patients. Sov.zdrav. 15 no.5 supplement:25-26 O '56.
(MIRA 10:1)

(MENTAL DISORDERS, prev. and control
in rural districts in Russia)

(RURAL CONDITIONS
prev. & control of ment. disord. in Russia)

ARKHANGEL'SKIY, V.; MELEKHOV, D.

Leonid Iosifovich Smirnov; obituary. Zhur. nevr. i psikh. 56 no.5:
438-439 '56. (MIRA 9:8)
(SMIRNOV, LEONID IOSIFOVICH, 1889-1955)

MELEKHOV, D.Ye.

MELEKHOV, D.Ye.; KAMENSKAYA, V.M.

Clinical and pathophysiological studies in closed cerebrospinal injuries. Report No.3: Subacute stage [with summary in French].
Zhur.nevr. i psikh. 57 no.10:1185-1194 '57. (MIRA 10:12)

1.Gosudarstvennyy nauchno-issledovatel'skiy institut psichiatrii
Ministerstva zdravookhraneniya RSFSR (dir. - prof. V.M.Banshchikov)
(MENTAL DISORDERS, etiology and pathogenesis,
cerebrocranial closed inj. (Rus))
(BRAIN, wounds and injuries,
closed cerebrocranial inj. causing ment. disord. (Rus))

MELEKHOV, D.Ye.; KOROBKOVA, E.A.

Clinical study of mental patients during work activity as a method
of functional diagnosis. Trudy Gos. nauch.-issl. psichonevr. inst.
no.20:131-138 '59. (MIRA 14:1)

1. Institut psichiatrii Ministerstva zdravookhraneniya RSFSR
(direktor - prof. V.M. Banshchikov) i TSentral'nyy institut ekspertizy
trudosposobnosti i organizatsii truda invalidov (direktor - prof.
O.I. Sokol'nikov).
(MENTAL ILLNESS) (WORK)

work fitness
MELEKHOV, D. Ye., Doc Med Sci -- "Prognosis and restoration of the working capacity
in schizophrenia." Mos, 1960 (1st Mos Order of Lenin Med Inst im I. M. Sechenov).
(KL, 1-61, 205)

-346-

MELEKHOV, D.Ye.

"Social readaptation" of psychiatric patients in capitalistic countries. Zhur. nevr. i psikh. 61 no.5:772-776 '61. (MIRA 14:7)
(MENTALLY ILL—REHABILITATION)

KONSTROUM, S.I.[deceased]; IVANOV, N.V., prof., red.; MELEKHOV, D.Ye.,
doktor med. nauk, red.

[Practical psychotherapy] Opty prakticheskoi psikhoterapii. Pod
red. N.V.Ivanova i D.E.Melekhova. Izd.2. Moskva, Gos. in-t
psikiatrii, 1962. 222 p. (MIRA 15:6)

1. Gor'kovskiy meditsinskiy institut (for Ivanov). 2. Zavedyuu-
shchiy klinikoy pogranichnykh form psikhicheskikh zabolevaniy
Instituta im. Gannushkina Ministerstva zdravookhraneniya RSFSR
(for Melekhov).

(PSYCHOTHERAPY)

MELEKHOV, Dmitriy Yevgen'yevich; KISELEV, A.S., red.; MATVEYEVA,
M.M., tekhn. red.

[Clinical foundations for the prognosis of working ability
in schizophrenia] Klinicheskie osnovy prognoza trudospособ-
nosti pri shizofrenii. Moskva, Medgiz, 1963. 197 p.
(MIRA 16:10)

(SCHIZOPHRENIA) (DISABILITY EVALUATION)

FEDOTOV, D.D., prof., otv. red. GRITSKEVICH, D.I., prof., zam. otv. red.; MELEKHOV, D.Ye., prof., red.; BAMDAS, B.S., red.; ROZOVA, M.S., red.; GROSMAN, A.V., red.

[Social readaptation of mental patients] Sotsial'naia re-adaptatsiia psikhicheskoi bol'nykh. Moskva, 1965. 347 p.
(MIRA 18:12)

1. Direktor TSentral'nogo nauchno-issledovatel'skogo instituta ekspertizy trudosposobnosti i organizatsii truda invalidov (for Gritskevich). 2. Nauchnyy rukovoditel' Psichiatricheskogo otdeleniya TSentral'nogo nauchno-issledovatel'skogo instituta ekspertizy trudosposobnosti i organizatsii truda invalidov (for Melekhov). Otdeleniye vosstanovleniya i ekspertizy trudosposobnosti Nauchno-issledovatel'skogo instituta psichiatrii, Moskva (for Grosman).

MELEKHOV, D. Ye.

Conditions of compensation of some manifestations of the defect
in schizophrenics. Trudy 1-go MMI 34:150-161 '64.
(MIRA 18:11)

L. Gosudarstvennyy nauchno-issledovatel'skiy institut psichiatrii
Ministerstva zdravookhraneniya RSFSR (dir. - prof. D D. Fedotov).

SUKHORUK, A.M., inzh.; TISHKEVICH, N.Ya.; IVANOVSKIY, N.F., inzh.; MELEKHOV, F.P., inzh.; ABDURAKHMANOV, K.A.; IVANOV, I.I., red.

[Hydrological yearbook; 1955] Gidrologicheskii zhagodnik, 1955 g.
Tom 00, vyp. 0-0. Pod red. I.I.Ivanova. Leningrad, Gidrometeor.
izd-vo, 1958. 58 p. (MIRA 12:5)

1. Russia (1923- U.S.S.R.). Glavnoye upravleniye gidrometeorologicheskoy sluzhby. 2. Zhukovskaya hidrologicheskaya stantsiya (for Sukhoruk, Tishkevich). 3. Krasnosel'skaya hidrologicheskaya stantsiya (for Ivanovskiy). 4. Podgornaya hidrologicheskaya stantsiya (for Melekhov, Abdurakhmanov).

(Hydrometeorology)

Rg AM MELEKHOV, I. S.

МЕЛЕКНОВ (И. С.). О повреждениях Еловых лесов северной тайги ржавчиной грибом *Chrysomyxa ledi*. [On the injury to Spruce in the North Siberian forests by the rust fungus *Chrysomyxa ledi*.]—*Сындр. Рос. Пеп. Фор. Техн. Инст. Архангельск*, вiii, pp. 59-75, 1946.

In 1944-5 the North Siberian spruce forests were seriously damaged by *Chrysomyxa ledi* [R.A.M., xvi, p. 491; xx, p. 1], the incidence being closely connected with the wide distribution of the alternate host *Ledum palustre* in these regions. Preliminary investigations showed that the most serious infection occurred in wood clearings and tops of the crowns, the least in the undergrowth. It is concluded, therefore, that the fungus requires light for its development. The author envisions great possibilities in aeroplanes dusting for the control of the disease. Thorough burning of *L. palustre* is also recommended.

MELEKHOV, Ivan Stepanovich; KABANOV, N.Ye., otvetstvennyy redaktor;
DROBOT V.P., redaktor izdatel'stva; KISELEVA, A.A., tekhnicheskiy redaktor.

[Sketch of the development of forestry in Russia] Ocherk razvitiia nauki o lese v Rossii. Moskva, Izd-vo Akad.nauk SSSR, 1957. 206 p.
(Forests and forestry)
(MLRA 10:6)

1. CITY : UPOR
2. STATE : Port Moresby. Port Moresby
3. DATE : Sept. 2, 1959, P.M.
4. COUNTRY : New Guinea, I.S.
5. STATE : V.I.P.
6. TERRITORY : In the vicinity of the village of
Korobin in the Milnerton area.
7. SPECIES : Sb. Slaty or mulberry isalid. v.b.l. 1.5m.
8. LEAF SHAPE : Prominent petioles. Leaf blades
9. LEAF SURFACE : Glabrous, shiny.
10. LEAVES : 15-20 mm. apart on the stem.
11. FLOWERS : Small clusters of flowers scattered
12. FRUIT : Small, round, yellowish, 10-12 mm. long.
13. BARK : Smooth, greyish brown.
14. LEAVES : 15-20 mm. apart on the stem.
15. FLOWERS : Small clusters of flowers scattered
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97. BARK : Smooth, greyish brown.
98. LEAVES : 15-20 mm. apart on the stem.
99. FLOWERS : Small clusters of flowers scattered
100. FRUIT : Small, round, yellowish, 10-12 mm. long.

101.:

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27

COUNTRY :
CATEGORY :
JGS. JGP. : PzhBiol., No. 2, 1952, No. 6

AUTHOR :
INST. :
TITLE :

REF. N. :

ABSTRACT : Pine-spruce and spruce plantations regenerate after the forest successfully after felling, but the spruce usually show a predominance of European white birch. It is difficult to restore the forest where there was no regeneration at all where the soils were made up of small stones, which were former remains of forest material, on harvesting sections and areas with intensive droppings of cattle, and in several cases of forest where the soil had been heavily

Card:

2/3

COUNTRY

CATEGORY

DOC. NO. : RZKESL, №. 2, 1959, №. 6, 1959

Author :

P. St. :

Title :

INFO. PGS. : turfed (spruce along streams). It con-

cerns with mechanization of forest work and
the role of preliminary regeneration has increased,
and the subsequent restoration has taken on significance.
Felling re-statement raises questions about the selection and classifi-
cation of felling, a change in the vegeta-
tive covering in relation to felling, methods
of existing tree natural regeneration,
and a number of other facts.-- Ye. N. Savin

Card:

3/3

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M GLEKHOV I.S.

MELEKHOV, I.S.

~~Development of forest science in connection with problems of forest management in the taiga. Izv. AN SSSR . Ser.biol. no.5:578-589 S-O '57.~~

(MIRA 10:10)

1. Severnoye otdeleniye Instituta lesa AN SSSR, Arkhangel'sk.
(TAIGAS) (FORESTRY RESEARCH)

Country : USSR

K

Category: Forestry. Forest Biology and Typology.

Abs Jour: RZhBiol., No 11, 1958, No 48715

Author : Melekhov, I.S.

Inst : Eastern Affiliate A.C.D. Sci. USSR

Title : Studies of the Former Northern Base and of the Archangel Station of the Academy of Sciences USSR in the Field of Forestry and Forest Cultivation

Orig Pub: Izv. vost. fil. AN SSSR, 1957, No 8, 163-167

Abstract: This article gives a summary of the research activities of the Northern base and of the Archangel Station for the past 20 years in studies on the nature of the Northern forests, forest types, mensuration of the pine tree stands, the forest renewal on clear cuttings,

Card : 1/3

Country : USSR
Category: Forestry. Forest Biology and Typology.

Abs Jour: RZhBiol., No 11, 1958 No 48715

etc. etc. The typological studies in the basins of North Dvina, and of Zimnyaya Zelotitsa verified the conformity of V.N. Sukachev's scheme of forest types to the peculiarities of the taiga forests, and brought a greater degree of precision to some definitions in this classification. Observations on the renewal of the clear cuttings established the fact that the latter are renewed successfully, but chiefly by birch, aspen, and speckled alder. Regeneration of pine (preliminary and subsequent) proceeds successfully in the forests of foxberry, lichens, moss-lichen, and the heath varieties. In the pine, pine-spruce, and spruce-true moss forests on fresh and

Card : 2/3

K-10

Country : USSR
Category: Forestry. Forest Biology and Typology.

Abs Jour: RZhDiol., No 11, 1958, No 48715

moist soils and on grassland fellings, subsequent renewal is hampered, and the preliminary regeneration is represented by the spruce. The fir is characteristic of preliminary renewal in the highly productive hummock and ocalid spruce woods. In the club-moss and sphagnum forests subsequent regeneration owes still more to deciduous species. The following predominate in preliminary renewal: a) in the club-moss type of forest - spruce or spruce and pine, sometimes with birch; b) in the sphagnum peat pine forests - pine and birch, and in the sphagnum spruce forests - the spruce. -- L.V. Nesmelov

Card : 3/3

CATEGORY : Climatic aspects.

ABS. JOUR. : RZhBiol., No. 14 1958, No. 63195

AUTHOR : Vilegov, I. I.

PUBL.

PLATE : 100

ORIG. PUB. : Lesh. kh-vo, 1957, No. 10, 22-27

ABSTRACT : The climate-protecting role of taiga forests is noted, and the basic principles of taiga forestry which have been established during the last ten years are enumerated. It is considered that the most vital problems are: the need to separate into a special zone the northern pre-tundra forests (with the aim of conserving them), the taking of measures to conserve, improve and efficiently use the cedar forests of Siberia and the Far East, the further development of scientific bases for forest management are where concentrate; cutting has occurred including further study of the typology of these cuts under various geographic conditions, the carrying out of experiments on the introduction of a series of forest

Card:

1/2

COUNTRY :
CATEGORY :

ABC. JOURNAL : RZhBiol., No. 14, 1959, No. 43175

AUTHOR :
TITLE :
TYPE :

CONT. JUR. :

REF ID: A11 : and native species (listed) into the taiga zone, and
the extension of forestry--practical study of the
fruitfulness of woody species. The necessity is indicated
for solution of such practical problems as differentia-
tion of methods of trimming trees to be felled, depending on
forest growth and production conditions; the conservation
of young growth for forest stock; the application of infor-
mation in chemistry and especially biological methods of
fighting the enemies of seeds and cones, including the
Siberian silkworm; the working out of problems of forest
typology and methods of economic evaluation of forest
regeneration. The necessity is also noted for a systematic
division into regions of the management measures.-M.I. Pushkin

CARD:

2/2

USSR/Forestry - General.

K.

No. Jour. : Ref Zhur. - Biol., No. 21, 1958, 9517

USSR/Forestry - Forest Biology and Typology.

K-2

Abs Jour : Ref Zhur - Biol., No 5, 1958, 20113

Author : Malekhov, I.S.

Inst : Arkhangel'sk Technical Forestry Institute.

Title : Forest Litter Accumulation in Relation to Forest Type.

Orig Pub : Tr. Arkhang. lesotekhn. in-ta, 1957, 17, 124-137

Abstract : Systematic observations were made at fixed sites during 1957-1948 on the accumulation of forest fall off in the Isakogorsk lot of the experimental training wood (near Arkhangel'sk) in pine forests (with lichens, red bilberry bushes, whortleberries, whortleberries and sphagnum moss, long-mosses, cassandra and sphagnum), in spruce forest (with oxalidaceae and those with riverlets) and birch woods having diverse grasses. It was established that the amount of falling matter in the 100-120 year old tree

Card 1/2

- 29 -

REF ID: A678E
14281 - WASHINGTON, D.C.
14282 - NEW YORK, N.Y.
14283 - BOSTON, MASS.
14284 - PHILADELPHIA, PA.
14285 - ATLANTA, GA.
14286 - CHICAGO, ILL.

14287 - LOS ANGELES, CALIF.
14288 - SAN FRANCISCO, CALIF.
14289 - SEATTLE, WASH.

14290 - PORTLAND, OREG.
14291 - PORTLAND, ME.
14292 - BIRMINGHAM, ALA.
14293 - JACKSONVILLE, FLA.
14294 - TAMPA, FLA.
14295 - MIAMI, FLA.
14296 - NEW ORLEANS, LA.
14297 - BIRMINGHAM, ALA.
14298 - MEMPHIS, TENN.
14299 - ATLANTA, GA.
14300 - BIRMINGHAM, ALA.
14301 - NEW ORLEANS, LA.
14302 - JACKSONVILLE, FLA.
14303 - TAMPA, FLA.
14304 - MIAMI, FLA.
14305 - PORTLAND, OREG.
14306 - PORTLAND, ME.

COUNTRY :
CATEGORY :

NAME, PLUR. : RZhB1 C., No. 2, 1959, etc.

PROVINCE :
CITY :
DISTRICT :

SPC, P.W. : Vegetations of other types are delineated. They first are subdivided according to fire history.
Requirement : which preserves the coverage (lichens, mosses, spicacea), and feilius with drastic shrubs. In
the vegetative covering after the burnt (hair-
grass, willowweed and reedgrass). Controlled
burnings are differentiated from non-burns.
A division of fixed types is also made
etc. For example, hairgrass-reedgrass,
beachgrasses, etc. It is observed

Card:

2/3

27

MELEKHOV, I.S.

Relation of the type of clearing to the type of forest. Bot. zhur.
44 no.3:349-352 Mr '59. (MIREA 12:7)

1. Severnoye otdeleniye Instituta lesa AN SSSR, Arkhangel'sk.
(Forest ecology)

MELEKHOV, Ivan Stepanovich, akademik; SEMAKOV, A.N., red.; BOL'SHAKOVA,
L.A., tskhn.-red.

[Improvement cuttings and forest regeneration in the North] Rubki i
vozobnovlenie lesa na Severe. Arkhangel'sk, Arkhangel'skoe knizhnoe
izd-vo, 1960. 198 p.
(MIRA 14:7)

1. Vsesoyuznaya Akademiya sel'skokhozyaystvennykh nauk im. V.I.Le-
nina (for Melekhov)
(Russia, Northern--Forests and Forestry)

MELEKHOV, I.S.

Classification of vegetation with regard to concentrated fellings. Trudy
Inst. biol. UF AN SSSR no.27:139-146 '61. (MIRA 17:2)

MELEKHOV, I.S.

[Principal cutting] Rubki glavnogo pol'zovaniia. Moskva,
Goslesbumizdat, 1962. 328 p. (MIRA 16:8)
(Forest management)

MELEKHOV, ivan Stepanovich

"The Nature Of The Taiga Forests and Cutover Areas."

report to be submitted for the Fifth World Forestry Congress, Seattle, Washington,
29-10 Sep 60

Active Mbr., A-U Acad. of Agricultural Sciences im V.I.Lenin; Director, Inst. of
Forestry & Wood Chemistry, Acad. of Sciences, USSR, Arkhangel'sk.

BURSOVA, Alisa Ivanovna, dots., kand. biol. nauk; MELEKHOV, I.S., akademik, retsenzent; MARCHENKO, A.I., doktor sel'khoz. nauk, prof., retsenzent; RUBILIN, Ye.V., doktor sel'khoz. nauk, prof., otv. red.; MATVEYEVA, V.V., red.; URITSKAYA, A.D., tekhn. red.

[Field soil research] Issledovanie pochv v prirode; posobie dlja studentov lesokhoziaistvennogo fakul'teta. Leningrad, Vses. zaochnyi lesotekhn. in-t, 1961. 142 p. (MIRA 16:2)
(Soil research)

MARCHENKO, A.I.; NEKRASOVA, T.P.; MELEKHOV, I.S., akademik, otv. red.;
DROBOT, V.F., red. izd-va; MAKUNI, Ye.V., tekhn. red.

[Forests of Kola Peninsula and their restoration] Lesa Kol'-
skogo poluostrova i ikh vozobnovlenie. Moskva, Izd-vo Akad.
nauk SSSR, 1961. 186 p. (MIRA 15:1)

1. Akademiya nauk SSSR. Institut lesa i lesokhimii. 2. Vseso-
yuznaya akademiya sel'skokhozyaystvennykh nauk im. V.I.Lenina
(for Melekhov).
(Kola Peninsula--Forests and forestry)

MELEKHOV, I.S.

M.V. Lomonosov and the problems of botany. Bot. zhur. 46
no.11:1570-1573 N '61. (MIRA 15:2)

1. Institut lesa i lesokhimii AN SSSR, g. Arkhangel'sk.
(Lomonosov, Mikhail Vasil'evich, 1711-1765)
(Botanical research)

MELEKHOV, I.S., prof.

Achievements in forestry; Fifth World Forestry Congress in
Seattle. Priroda 50 no. 2:84-87 F '61. (MIRA 14:2)

1. Institut lesa i lesokhimii AN SSSR, Arkhangel'sk.
(Forests and forestry—Congresses)

MELEKHOV, Ivan Stepanovich; KORKONOSOVA, Lidiya Ivanovna; CHERTOVSKIY,
Vyacheslav Gavrilovich; DROBOT, V.F., red. izd-va; RYLINA,
Yu.V., tekhn. red.

[Manual on the study of the types of clearcut areas] Rukovodstvo
po izucheniiu tipov kontsentrirovannykh vyrubok. Moskva, Izd-
vo Akad. nauk SSSR, 1962. 112 p. (MIRA 15:9)
(Cutover lands)

TYSHKEVICH, Galina Leonidovna; MELEKHOV, I.S., akademik, otv. red.;
ENDEL'MAN, G.N., red. izd-va; VOLKOVA, V.G., tekhn. red.

[Spruce forests of the Soviet Carpathians] Elovye lesa Sovetskikh
Karpat. Moskva, Izd-vo Akad.nauk SSSR, 1962. 172 p.
(MIRA 15:10)

l. Vsesoyuznaya akademiya sel'skokhozyaystvennykh nauk imeni
V.I.Lenina (for Melekhov).
(Carpathian Mountain region--Spruce)

MELEKHOV, Ivan Stepanovich, akademik; CHUGUNOVA, Z.S., red.izd-va;
BRILEVA, V.F., red.izd-va; GRECHISHCHEVA, V.I., tekhn. red.

[Principal yield cuttings] Rubki glavnogo pol'zovaniia. Mo-
skva, Goslesbumizdat, 1962. 328 p. (MIRA 16:4)

1. Vsesoyuznaya akademiya sel'skokhozyaystvennykh nauk im.
V.I.Lenina (for Melekhov).
(Forest management)

TVERDOVSKAYA, N.N.; MELEKHOV, I.S., akademik; ISAYENKO, Ye.M., red.

[Industrial use of the wood of fast-growing species (larch, poplar, birch, aspen, exotics); bibliographical index of Soviet and foreign literature for 1932-1962] Promyshlennoe ispol'zovanie drevesiny bystrorastushchikh porod (listvenitsa, topol', berezza, osina, ekzoty); bibliograficheskii ukazatel' otechestvennoi i inostrannoi literatury za 1932-1962 gg. Moskva, Tsentr. nauchno-issl. in-t informatsii i tekhniko-ekon. issledovanii po lesnoi, tselliulozno-bumazhnoi, derevoobrabatyvaiushchei promyshl. i lesnomu khoz., 1963. 65 p. (MIRA 17:9)

1. Moscow. Tsentral'naya nauchno-tehnicheskaya biblioteka lesnoy i bumazhnoy promyshlennosti. 2. Vsesoyuznaya akademiya sel'skokhozyaystvennykh nauk imeni V.I.Lenina (for Melekhov).

CHERTOVSKOY, Vyacheslav Gavrilovich; MELEKHOV, I.S., akademik,
otv. red.; YELAGIN, I.N., red.izd-va; VOLKOVA, V.V.,
tekhn. red.

[Polytrichum type cutover areas, their formation and re-
forestation] Dolgomoshnye vyrubki, ikh obrazovanie i ob-
lesenie. Moskva, Izd-vo AN SSSR, 1963. 133 p.

(MIRA 17:1)

1. Vsesoyuznaya akademiya sel'skokhozyaystvennykh nauk
imeni V.I.Lenina (for Melekhov).

MILKOV, V.S., prof.

Organization of wood research in Soviet Union. December 1974
31-32 v.1 loc.

MELEKHOV, Ivan Stepanovich; KORKONOSOVA, Iidiya Ivanovna;
CHERTCOVSKOI, Vyacheslav Gavrilovich

[Manual for the study of types of clear-cuttings] Ruko-
vodstvo po izucheniiu tipov kontsentrirovannykh vyrubok.
Izd.2., dop. i ispr. Moskva, Nauka, 1965. 179 p.
(MIRA 19:1)

MELEKHOV, N. S.

Akademija Nauk SSSR. Institut Lesa i Lesokhimii.
Lesa Kol'skogo Poluostrova i ikh vozobnovleniye.
Ot. red. N.S. Melekhov. Moskva, Izd-vo Akademii
Nauk SSSR, 1961.
186 p. illus., diagrs., tables.
Includes bibliographical references.

1. Forests and forestry - Kola Peninsula. 2. Kola
Peninsula - Forests and forestry. 3. Russia -
Forests and Forestry - Kola Peninsula. 1. Title.
II. Melekhov, I.

SIDORIN, Gavriil Vladimirovich; MELEKHOV, Nikolay Yakovlevich;
SOKOLIN, G.L., nauchn. red.; NAZARENKO, M.I., red.

[Vocational training of tile layers] Proizvodstvennoe
obuchenie oblitsovshchikov. Moskva, Vysshiaia shkola,
1965. 61 p. (MIRA 18:7)

FILIPPOVA, V.S.; MELEKHOV, P.N., red.; SINYUKHIN, V.N., tekhn. red.

[Young naturalists and engineers; a guidebook to the pavilion] IUnye naturalisty i tekhniki; putevoditel'.
Moskva, 1962. 27 p. (MIRA 17:2)

1. Moscow. Vystavka dostizheniy narodnogo khozyaystva SSSR.
Pavilion "IUnye naturalisty i tekhniki."

MELEKHOV, V.V.

Results of the first operations of coarcting the acrta in patients with congenital heart defects of the cyanotic type with insufficiency of the blood flow in the pulmonary circulation. Vop. pat. i reg. org. krov. i dykh. no.1:225-232 '61. (MIRA 18:7)

PTPKO, A.S., doktor med.nauk; MEDVEDEV, I.A., dotsent; MELEKHOV, V.V.
(Novosibirsk)

Clinical and roentgenological diagnosis of aortic coarctation.
Klin.med. 39 no.1:39-49 Ja '61. (MIRA 14:1)

1. Iz Instituta eksperimental'noy biologii i meditsiny Sibirsко-
go otdeleniya AN SSSR (dir. - prof. Ye.N. Meshalkin).
(AORTA—ABNORMALITIES AND DEFORMITIES)

MELEKROV, V.V.; OSTROVSKIY, V.Yu.; SERGIYEVSKIY, V.S.

First conference of young scientists at the Institute of Experimental Biology and Medicine of the Siberian Branch of the Academy of Sciences of the U.S.S.R. Izv.Sib.otd.AN SSSR no.1:111-113 '62.
(MIRA 15:3)

(Medical research--Congresses)

ANTONOVA, L.T. (Moskva, D-252, 7-ya Peschanaya ul., d.3, kv.72);
MELEKHOV, V.V.

Rare complication following surgery for atresia of the aortic isthmus; fatal hemorrhage as a result of the perforation of a suppurating para-aortic hematoma into the esophagus caused by septicopyemia. Grudn. khir. 4 no. 5:107-109 S-0'62 (MIRA 17:3)

1. Iz kafedry professional'nykh bolezney (zav. - prof. A.M. Rashevskaya) TSentral'nogo instituta usovershenstvovaniya vrachey na baze Instituta gigiyeny truda i professional'nykh zabolevaniy AMN SSSR i iz khirurgicheskogo otdeleniya Instituta eksperimental'noy biologii i meditsiny (dir. - prof. Ye.N. Meshalkin) Sibirskogo otdeleniya AN SSSR.

ANTONOVA, L.T., kand. med. nauk; MELEKHOV, V.V.

Differential diagnosis of symptomatic hypertension in some organic diseases of the cardiovascular system in adolescents and young patients. Sov. med. 27 no.1:25-32 Ja '64. (MIRA 17:12)

1. Klinicheskye otdeleniya Instituta gigiyeny i podrostkov AMN SSSR i klinicheskiy otdel Instituta eksperimental'noy biologii i meditsiny Sibirskogo otdeleniya AN SSSR.

MALINOVSKIY, N.N.; ZARGARLI, F.I.; MELEKHOV, V.V.

Correction of a long hypoplastic form of coarctation of the descending thoracic and abdominal aorta using a thoracico-abdominal shunt. Azerb. med. zhur. 42 no. 7:37-42 Jl '65
(MIRA 19:1)

1. Iz serdechnogo otdeleniya (zav. - doktor med. nauk N.N. Malinovskiy) Nauchno-issledovatel'skogo instituta klinicheskoy i eksperimental'noy khirurgii Ministerstva zdravookhraneniya RSFSR (direktor - deystvitel'nyy chlen AMN SSSR, prof. B.V. Petrovskiy).

MELEKHOVA, A.M.

Study of the bioelectrical activity of individual neurons of the
cerebral cortex in rabbits. Zhur.vys.nerv.deiat. 11 no.3:536-544
My-Je '61. (MIRA 14:7)

1. Institute of Higher Nervous Activity, U.S.S.R. Academy of Sciences,
Moscow.

(CEREBRAL CORTEX)

MELEKHOVA, A.M.

Simple method for filling glass microelectrodes with electrolyte.
Fiziol. zhur. 47 no.2:273-275 F '61.
(MIRA 14:5)

1. From the Laboratory of Electroencephalography of the Institute
of Higher Nervous Activity, U.S.S.R. Academy of Sciences, Moscow.
(ELECTROENCEPHALOGRAPHY--EQUIPMENT AND SUPPLIES)

STREL'CHUK, I.V.; MELEKHOVA, A.M.

Electrophysiological study of the cerebral cortex of healthy subjects and patients with chronic alcoholism acting through the first and second signaling systems in the course of a hypnotic state. Zhur. nevr. i psikh. 62 no.3:428-439 '62.

(MIRA 15:3)

1. Institut vysshey nervnoy deyatel'nosti (dir. - prof. V.S. Rusinov) AN SSSR, Moskva.

(CEREBRAL CORTEX)
(HYPNOTISM)

(ALCOHOLISM)
(ELECTROENCEPHALOGRAPHY)

L 38552-65

ACCESSION NR: AP5005401

S/0239/65/051/002/0278/0280

AUTHOR: Melekhova, A. M.; D'yakonov, V. L.

19

B

TITLE: A simple micromanipulator for inserting electrodes into the brain

SOURCE: Fiziologicheskiy zhurnal SSSR, v. 51, no. 2, 1965, 278-280

TOPIC TAGS: animal, brain, nerve cell, microminiaturized device, microelectrode, electrode holder

ABSTRACT: A simple miniature micromanipulator has been developed for investigating single nerve cell activity in an animal brain by inserting microelectrodes in such a way that they are in direct contact with the cell and at the same time the animal is free to move. The micromanipulator (50 mm high, 32 mm wide, 14 g weight) consists basically of a frame, a large screw, carriage for electrode holders, electrode holders, and a dial for adjusting insertion depth from 2 to 500 microns. The parts are made of Dural, plastic, brass and steel. The micromanipulator is secured to the animal's head with

and tests. The micromanipulator is secured to the animal's head with phosphate cement and can be used with one or more electrodes. In the

Card 1/2

ACCESSION NR: AP5005401

Latter case all electrodes must be inserted at the same time until a new model is perfected. The electrode is held in place at any given point in the electrode holder rod with adjusting screws or wax. The micromanipulator has proven convenient and simple to use in experiments on rabbits. A detailed description of the device is given. Orig. art. has: 3 figures.

ASSOCIATION: Laboratoriya elektrofiziologii Instituta vysshey nervnoy deyatel'nosti i neyrofiziologii AN SSSR, Moscow
(Electrophysiology Laboratory of the Institute of Higher Nervous Activity and Neurophysiology AN SSSR)

SUBMITTED: 30Sep63

ENGL: 00

SUB CODE: LS

NR REF Sov: 001

OTHER: 006

MELEKHOVA, K.D.

Geology of the southwestern part of the Vilyuy syneclyse. Trudy
VNIGRI no.186:53-63 '61. (MIRA 15:3)
(Vilyuy Lowland--Geology)

PRAVDINA, O.V.; MELEKHOVA, L.V.; IVANOVSKAYA, F.A.; TAPTAPOVA, S.I.;
ALMAZOVA, A.I.; LYAPIDEVSKIY, S.S., red.; NOVIKOV, Ya.A., red.;
DRANNIKOVA, M.S., tekhn.red.

[Essays on the pathology of speech and of the voice] Ocherki po
patologii rechi i golosa. Pod red. S.S.Liapidevskogo. Moskva,
Gos.uchebno-pedagog.izd-vo M-va prosv.RSFSR. No.1. 1960. 148 p.
(MIRA 13:12)

1. Moscow. Moskovskiy gosudarstvennyy pedagogicheskiy institut.
(Speech, Disorders of)

ZAMANSKAYA, R.I.; MELEKHOVA, N.A.; MIKHEYEVA, G.F.

Xylitan as a heat carrier in the manufacture of rubber tubes with
the continuous method. Kauch. i rez. 24 no.2:24-25 F '65.
(MIRA 18:4)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut biosinteza
belkovykh veshchestv i Nauchno-issledovatel'skiy institut
rezinovoy promyshlennosti.

POROYKOVA, V.S.; MELEKHOVA, N.I.; ZAKHAROV, A.S.

Possibility of using polystyrene in nickel bases of alkaline batteries. Izv.vys.ucheb.zav.;khim. i khim.tekh. 6 no.2:
286-293 '63. (MIRA 16:9)

1. Ivanovskiy khimiko-tehnologicheskiy institut, kafedra
tehnologii elektrokhimicheskikh proizvodstv.
(Storage batteries)

AL'PERIN, P.M.

AL'PERIN, P.M., doktor med.nauk; ANSHEVITS, M.Ya.; GUREVICH, I.B.; KRUPYANKO,
V.Ye.; MELIKHOVA, O.P.; RODINA, R.I. (Moskva)

Compound treatment of suppurative diseases of the lungs. Vrach.delo
no.12:1343 D '57. (MIRA 11:2)

1. Tsentral'nyy ordena Lenina Institut hematologii i perelivaniya
krovi.
(LUNGS--DISEASES)

MELEKHOVA, O.P.

Use of an alcohol-glucose solution of albumin in suppurative lung
diseases. Probl. gemat. i perel. krovi 5 no. 10:44-46 '60.
(MIRA 14:1)

(LUNGS—ABSCESS) (ALBUMIN)
(BLOOD PLASMA SUBSTITUTES)

AL'PERIN, P.M., prof.; ANSHEVITS, M.Ya.; GUREVICH, I.B.; KRUPYANKO, V.Ye.;
MELEKHOVA, O.P.; RODINA, R.I.

Treating bronchiectasis and abscess of the lungs with antibiotics
in combination with hemotherapy. Sov.med. 24 no.9:51-56 S '60.
(MIRA 13:11)

1. Iz Tsentral'nogo ordena Lenina instituta hematologii i pereli-
vaniya krovi (dir. - deystvitel'nyy chlen AMN SSSR prof. A.A.
Bagdasarov) Ministerstva zdravookhraneniya SSSR.
(BRONCHIECTASIS) (LUNGS—ABSCESS) (ANTIBIOTICS)
(BLOOD—TRANSFUSION)

AL'PERIN, P. M., prof.; MELEKHOVA, O. P.

Use of protein hydrolysate from the Central Institute of Hematology
and Blood Transfusion in chronic pulmonary suppurations and in con-
ditions of protein deficiency. Probl. gemat. i perel. krovi no.10:
48-54 '61. (MIRA 14:12)

1. Iz Tsentral'nogo ordena Lenina instituta hematologii i pereli-
vaniya krovi (dir. - deyatel'nyy chlen AMN SSSR prof. A. A.
Bogdasarov [deceased]) Ministerstva zdravookhraneniya SSSR.

(LUNGS--DISEASES) (PROTEIN METABOLISM)

HAMYKIN, P.S.; MELECHOVA, T.F.

Talc as raw material in the production of forsterite refractories.
Izv.Sib.otd. AN SSSR no.9:75-87 '58. (MIRA 11:11)

1. Zapadno-Sibirskiy filial AN SSSR.
(Forsterite) (Udereyskiy District---Talc)

MATVEYEVA, F.A.; MELEKHOVA, T.F.

High alumina content clays of the Barzas deposit. Report No.2:
Obtaining high alumina content refractories. Trudy Khim.-met.
Inst.Sib.odt.AN SSSR no.17:27-38 '61. (MIRA 15:8)
(Barzas region—Clay—Analysis) (Refractory materials)

MATVEYEVA, F.A., kand. tekhn. nauk, otv. red.; MELEKHOVA, T.F., nauchn. sotr., zam. otv. red.; KKYATKOVSKAYA, K.K., kand. tekhn. nauk, red.; KOSHLYAK, L.L., kand. tekhn. nauk, red.; PLEKHANOVA, Ye.A., nauchn. sotr., red.; SNITSARENKO, A.A., red.

[Prospects of the development of the ceramic industries of Siberia and of the Far East; materials] Perspektivy razvitiia keramicheskoi promyshlennosti Sibiri i Dal'nego Vostoka; materialy. Novosibirsk, Red.-izd. otdel Sibirskogo otd-niya AN SSSR, 1964. 183 p. (MIRA 17:11)

1. Soveshchaniye po khimii i tekhnologii keramiki i perspektivam razvitiya keramicheskoy promyshlennosti Sibiri i Dal'nego Vostoka. Novosibirsk, 1962. 2. Khimiko-metallurgicheskiy institut Sibirskogo otdeleniya AN SSSR (for Matveyeva). 3. Gosudarstvennyy nauchno-issledovatel'skiy institut stroitel'noy keramiki (for Kvyatkovskaya, Koshlyak).

137-58-6-11341

Translation from: Referativnyy zhurnal, Metallurgiya, 1958, Nr 6, p 12 (USSR)

AUTHORS: Rundkvist, V.A., Melekhova, Ye.L., Lakota, B.M.

TITLE: The "Mekhanobr-7" Flotation Machine (Flotatsionnaya mashina
"Mekhanobr-7")

PERIODICAL: Obogashcheniye rud, 1957, Nr 3, pp 34-41

ABSTRACT: The results of shop tests of the "Mekhanobr-7" flotation machine, designed for large flotation plants having capacities of >2000 t/day, are presented. The volume of the chamber is 5.8 m³, the impeller diameter is 750 mm, the rpm is 230. The impeller-and-stator unit is designed along the same lines as earlier Mekhanobr flotation machines. A general view, a cross section of the outlet, and a section through the impeller-stator assembly of the "Mekhanobr-7" machine are given.

A.Sh.

1. Ores--Flotation 2. Machines--Fertil

Card 1/1

MELEKHOVA, YE.L.

AUTHOR: Melekhova, Ye.L.

68-12-6/25

TITLE: On the Design of a High-output Flotation Machine (O sozdanii vysokoproizvoditel'noy flotatsionnoy mashiny)

PERIODICAL: Koks i Khimiya, 1957, no.12, pp. 17 - 18 (USSR)

ABSTRACT: This is a contribution to a previously published paper by V.A. Kulyasov and V.Ya. Toporkov, Koks i Khimiya, 1957, No.4. The present author agrees with the proposal of the original authors on designing a high-output flotation machine for coals on the basis of the existing machine Mekhanobr-7, but considers that the work should be started from industrial testing of the Mekhanobr-7 machine without any modifications. There is 1 figure.

ASSOCIATION: Mekhanobr

AVAILABLE: Library of Congress
Card 1/1

MELEKHOVA, Ye.L.

Adoption of the flotation machine "Mekhanovr-7". Obog.rud 5
no.4:41-45 '60. (MIRA 14:8)
(Flotation—Equipment and supplies)

MELEKHOVA, Ye.L.; KULIKOV, L.D.; POPOV, S.I.; KHOMULLO, N.K.

Comparative testing of "Mekhanobr" and "Sikhali" flotation machines
at the Kirovgrad plant. TSvet. met. 36 no.9:14-16 S '63.
(MIRA 16:10)

MELEKHOVA, Ye.T. (g. Chernikovsk).

Machine for cleaning rust from exterior surface of pipes.
Stroi.pred.neft.prom. 1 no.8:20 0 '56. (MLRA 9:12)

(Pipe, Steel--Cleaning)

"APPROVED FOR RELEASE: 07/12/2001

CIA-RDP86-00513R001033330007-1

MELEKHOVA, Ye.T., inzh. (Ufa)

Paint preparation shop. Stroi.pred.neft.prom. 2 no.7:24-25
Jl '57. (MIRA 10:10)
(Paint shops)

APPROVED FOR RELEASE: 07/12/2001

CIA-RDP86-00513R001033330007-1"

Country : USSR
Category: Cultivated Plants. Fodders.

M

Abs Jour: RZhBiol., No 11, 1958, No 48997

Author : Melekhova, Yu. K.
Inst : Vitebsk Veterinary Inst.
Title : Vernalization of the Seeds of Yellow Feed Lupine.

Orig Pub: Uch. Zap. Vitebskogo vet. in-ta, 1956, 14, No 1,
222-228

Abstract: Experiments conducted during 1952-1954 under production conditions showed the positive role of intensified aeration of the seeds during their vernalization. Soaked to 80-95% of moisture capacity but not sprouting, the seeds of yellow feed lupine are vernalized at the temperature of

Card : 1/2

M-92

"APPROVED FOR RELEASE: 07/12/2001

CIA-RDP86-00513R001033330007-1

Moscow, 1961, India, Pakistan, Iran, Turkey, Libya, Iraq, Jordan, Egypt, Libya
and other countries.

Information from the following sources is included:
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