

SCHUBERT, U.

//KERNFORSCHUNGSZENTRUM REPORT, KARLSRUHE//

--/--/1973, V-----, H-----,

A Procedure for the Direct Numerical Simulation
of Turbulent Flow in Plate and Axial Channels
and its Application in the Development of
Turbulence Models, 257 pp.
Kfz 1-200, 1111-1101-11111111

Unclassified (AECL--4375) Production, detection, and
annealing of crystal lattice point defects in neutron
irradiation of ceramic materials. Dienst, W.
(KERNFORSCHUNGSZENTRUM, KARLSRUHE (WEST GERMANY).
INSTITUT FUER MATERIAL UND FESTKORPERFORSCHUNG).
Translation of KFK--1215. Feb 1973. 98p. Dep. NTIS
(U.S. Sales Only) \$7.00.

11B ceramics; 20L physics (solid-state); radiation
effects; translations
MN-3; NP NSA

21-Feb-74
Uncl (EURFNR--1112) Design, irradiation, and
postirradiation examination of the UO_2/PuO_2 fuel pin
irradiation experiments of FR-2 Capsule Test Group 4a.
FREUND, D.; DIPPEL, T.; GEITHOFF, D.; WEIMAR, P.
(KERNFORSCHUNGSZENTRUM KARLSRUHE (F.R. GERMANY). INST.
FUER MATERIAL- UND FESTKOERPERFORSCHUNG). Apr 1973.
237p. Dep. NTIS \$14.00.

Work performed under United States--Euratom Fast
Reactor Exchange Program.

radiation effects; 18J reactor fuels
STD-79b P NSA

revision

Uncl (EURFNR--1107) 20-Feb-74
Assessment of compatibility of
oxide fuel pins. GOETZMANN, O.; HOFMANN, P.
(KERNFORSCHUNGSZENTRUM KARLSRUHE (F.R. GERMANY). INST.
FÜR MATERIAL- UND FESTKÖRPERFORSCHUNG). May 1973.
34p. Dep. NTIS \$3.75.

Work performed under United States--Euratom Fast
Reactor Exchange Program.

18J reactor fuels
STD-79b P NSA

Uncl (EURFNR--1113) UO_2 -- PuO_2 fuel rod bundle 20-Feb-74
irradiation Mol-7A evaluation of the investigation
results on the irradiated fuels rods. DIENST, W.;
EHRlich, K.; GOETZMANN, O.; HOFFMANN, H.; KLEYKAMP, H.;
SCHAEFER, L.; SCHULZ, B.; ZIMMERMANN, H.
KERNFORSCHUNGSZENTRUM KARLSRUHE (F.R. GERMANY), INST.
FUER MATERIAL- UND FESTKOEPPERFORSCHUNG). Jun 1973.
142p. Dep. NTIS \$9.25.
Work performed under United States--Euratom Fast
Reactor Exchange Program.

radiation effects; 18J reactor fuels
STD-79b P NSA

31-May-74
Doc1 (EURPWR-1123) Clustering of UO_2 - PuO_2 fuel
pellets for irradiation experiments. GIPPEL, F.;
KOLLANT, B. (KERNFORSCHUNGSZENTRUM KARLSRUHE (F.R.
GEMANY). INST. FÜR MATERIAL- UND FESTKÖRPERFORSCHUNG).
Jul 1973. 67p. Dep. 9413 16.59.
Work performed under United States--Euratom Fast
Reactor Exchange Program.

Doc1 (EURPWR-1123) Clustering of UO_2 - PuO_2 fuel
pellets for irradiation experiments.

15-Jul-74
Uncl (BNWL-tr--116) Design, irradiation, and
examination of UO_2 , PuO_2 fuel pins in test DFR-304.
KUMMERER, K.; GEITHOFF, D. (KERNFORSCHUNGSZENTRUM
KARLSRUHE (F.R. GERMANY). INST. FUER MATERIAL- UND
FESTKORPERFORSCHUNG). 31 May 1974. Translation of
KFK--1614. 125p. Dep. NTIS \$9.25.

11F metallurgy; radiation effects; 18J reactor fuels;
translations
MM-25 P NSA

13-Aug-74

Uncl (ANL-Trans--958) Oxide--cermet fuel rods:
production, properties, and irradiation behavior.
WEIMAR, P.; ZIMMERMANN, H. (KERNFORSCHUNGSZENTRUM
KARLSRUHE (F.R. GERMANY). INST. FUER MATERIAL- UND
FESTKORPERFORSCHUNG). Jul 1974. Translation of KFK--
1839. 48p. Dep. NTIS \$5.50.

11B ceramics; 11F metallurgy; radiation effects; 19J
reactor fuels; translations
MN-25 P NSA

7-Dec-73

Uncl (EURFNR--1116) Temperature and heat-flux distribution in the molten core mass of a GCFR after a hypothetical melt-down accident. BARLEON, L.; DALLE DONNE, M.; DORNER, S. (KERNFORSCHUNGSZENTRUM KARLSRUHE (F.R. GERMANY). INST. FUER NEUTRONENPHYSIK UND REAKTORTECHNIK). Nov 1972. 22p. (KFK--1755; EUR-4852). Dep. NTIS (U.S. Sales Only) \$3.25.

Work performed under United States--Euratom Fast Reactor Exchange Program.

18I reactor engineering; 18I reactor safety; 18L reactors power
STD-79p NP NSA

Uncl (EURFNR--1101) 14-Jan-74
Doppler coefficients in fast reactors. SIEP, I.
(KERNFORSCHUNGSZENTRUM KARLSRUHE (F.R. GERMANY). INST.
FÜR NEUTRONENPHYSIK UND REAKTORTECHNIK). Apr 1973.
145p. (KFK--1728). Dep. NTIS \$9.25.
Work performed under United States--Euratom Fast
Reactor Exchange Program. Thesis. Submitted to
Karlsruhe Univ.

18K reactor physics
STD-79d P NSA

7-Dec-73

Uncl (EURFNR--1111) Format and management of the
group constant library GRUBA. WOLL, D.
(KERNFORSCHUNGSZENTRUM KARLSRUHE (F.R. GERMANY). INST.
FUR NEUTRONENPHYSIK UND REAKTORTECHNIK). May 1973.
38p. (KFK--1815). Dep. NTIS \$4.00.
Work performed under United States--Euratom Fast
Reactor Exchange Program.

18K reactor physics
STD-79d P NSA

20-Jun-74
Uncl (EURFNR--1122) Neutron spectrum measurements in
a depleted uranium metal block for investigating
discrepant ^{235}U cross sections. BLUM, H.
(KERNFORSCHUNGSZENTRUM KARLSRUHE (F.R. GERMANY). INST.
FÜR NEUTRONENPHYSIK UND REAKTORTECHNIK). May 1973.
232p. (In German and English). (KFK--1798). Dep.
NTIS \$13.25.

Work performed under United States--Euratom Fast
Reactor Exchange Program.

18k reactor physics
STD-79d p NSA

revision

7-Mar-74

Uncl (EURFNR--1125) MIGROS-2: a program written in
FORTRAN for the calculation of microscopic group
constants from nuclear data. HUSCHKE, H.; KRIEG, B.
(COMPS.). (KERNFORSCHUNGSZENTRUM KARLSRUHE (F.R.
GERMANY). INST. FUER NEUTRONENPHYSIK UND REAKTORTECHNIK).
Jun 1973. 312p. (KFK--1784). Dep. NTIS (U.S. Sales
Only) \$17.75.

Work performed under United States--Euratom Fast
Reactor Exchange Program.

09B computers; 18K reactor physics
STD-79d NP NSA

Uncl (EURFNR--1114) 20-Feb-74
dimensional burnup and management program for fast
reactors. STEIN, E. (KERNEFORSCHUNGSZENTRUM KARLSRUHE
(F.R. GERMANY). INST. FUER NEUTRONENPHYSIK UND
REAKTORTECHNIK). Jun 1973. 111p. Dep. NTIS \$7.75.
Work performed under United States--Euratom Fast
Reactor Exchange Program.

09B computers; 18K reactor physics; 18L reactors-power
STD-79d P NSA

Uncl (EURFNR--1110) 18-Oct-73
235 above the resolved resonance region for U
SCHATZ, B. (KERNFORSCHUNGSZENTRUM, KARLSRUHE (WEST
GERMANY). INSTITUT FUER NEUTRONENPHYSIK UND
REAKTORTECHNIK). Jun 1973. 108p. (KFK--1629;
EANDC(E)--151(U)). Dep. NTIS (U.S. Sales Only) \$7.75.
Work performed under United States--Euratom Fast
Reactor Exchange Program.

18K reactor physics
STD-79d NP NSA

25-Jun-74

Uncl (EUAIRN--1130) ENCL: a two-dimensional SN program for solving the neutron-transport equation in rectangular and cylindrical geometry. GUENTHER, C.; KINNEBRUCK, W. (KERNFORSCHUNGSZENTRUM KARLSRUHE (F.R.G. GERMANY). INST. FÜR NEUTRONENPHYSIK UND REAKORTECHNIK). Jul 1973. 151p. (KFK--1826). Dep. NTIS \$10.75.

Work performed under United States--Euratom Fast Reactor Exchange Program.

09B computers; 18K reactor physics
STD-79d P NSA

7-Mar-74

Uncl (EURFNR--1131) Alternative numerical methods for
one-dimensional multigroup diffusion problems. STEWART,
H.B. (KERNFORSCHUNGSZENTRUM KARLSRUHE (F.R. GERMANY).
INST. FUER NEUTRONENPHYSIK UND REAKTORTECHNIK). Oct
1973. 58p. (KFK--1856). Dep. NTIS (U.S. Sales Only)
\$5.00.

Work performed under United States--Euratom Fast
Reactor Exchange Program.

18K reactor physics
STD-79d NP NSA

15-Apr-74
Uncl (EURFNR--1149) Transport phenomena in mixed
oxide fuel pins. BOBER, M.; SCHUMACHER, G.
(KERNFORSCHUNGSZENTRUM KARLSRUHE (F.R. GERMANY). INST.
FUR NEUTRONENPHYSIK UND REAKTORTECHNIK). Dec 1973.
23p. (KFK--1887). Dep. NTIS (U.S. Sales Only) \$4.25.
Work Performed under United States--Euratom Fast
Reactor Exchange Program.

radiation effects; 18J reactor fuels; 18L reactors-power
STD-79b NP NSA

19-Sep-73
Uncl (JANL-tr--2715) WEST: program for calculating
the fission product activity and decay rate after
variable reactor history in two coupled systems, taking
into account fission product escape. WAIBEL, E.
(KERNFORSCHUNGSZENTRUM, KARLSRUHE (WEST GERMANY)).
INSTITUT FÜR REAKTORENTWICKLUNG). Apr 1973.
Translated from: FRK-1579. 40p. Dep. VTIS \$4.00.

09B computers; 13G fission products; 18I reactor
engineering; 18K reactor physics; translations
MN-60 P NSA

24-Jan-74
Uncl (EURFNR--1102) Assessment of commercially
available finite element codes for the dynamic analysis
of structures. ZEHLEIN, H. (KERNFORSCHUNGSZENTRUM
KARLSRUHE (F.R. GERMANY). INST. FUER REAKTORENTWICKLUNG).
Apr 1973. 88p. (KFK--1791). Dep. NTIS \$6.50.
Work performed under United States--Euratom Fast
Reactor Exchange Program.

09B computers; 18I reactor engineering; 18I reactor
safety
STD-79h P NSA

22-Mar-74
Uncl (EURFNR--1106) Studies on flow and temperature
distribution in the region of local channel blockages in
bundle fuel elements. KIRSCH, J.
(KERNFORSCHUNGSZENTRUM KARLSRUHE (F.R. GERMANY). INST.
FUER REAKTORENTWICKLUNG). May 1973. 126p. (KFA--
1744). Dep. NTIS \$8.50.
Work Performed under United States--Euratom Fast
Reactor Exchange Program.

181 reactor cooling; 181 reactor engineering; 181 reactor
safety; 181 reactors-power
C14-74 P USA

Uncl (EURFNR--1136) 21-Jun-74
sodium boiling under accident conditions in fast breeder
reactors. WIRTZ, P. (KERNEFORSCHUNGSZENTRUM KARLSRUHE
(F.R. GERMANY). INST. FUER REAKTORENTWICKLUNG). Oct
1973. 120p. Dep. NTIS \$9.25.
Work performed under United States--Euratom Fast
Reactor Exchange Program.

18I reactor cooling; 18I reactor engineering; 18I reactor
safety
STD-79a P NSA

Translation of KFK-1858

18-Jun-74
Jncl (EURFVR--1138) ATTOW-K: the Karlsruhe IBM360/65
version of the 2d removal diffusion shielding code ATTOW.
BOENISCH, G.; WIESE, H.W. (KERNFORSCHUNGSZENTRUM
KARLSRUHE (F.R. GERMANY). INST. FUER NEUTRONENPHYSIK UND
REAKTORTECHNIK). Oct 1973. 129p. Dep. NTIS \$9.50.
Work Performed under United States--Euratom Fast
Reactor Exchange Program.

09B computers; 18K reactor physics
STD-79d p NSA

18-Jun-74
Uncl (EURFNR--1127) Advantages and disadvantages of
thyristors for the power supply electrically heated rods
of high power density. KREBS, L.; MALANG, S.; POLITZKY,
H.M.; RUST, K. (KERNFORSCHUNGSZENTRUM KARLSRUHE (F.R.
GERMANY). INST. FUER REAKTORBAUELEMENTE). Oct 1973.
40p. Dep. NTIS \$5.00.

Work Performed under United States--Euratom Fast
Reactor Exchange Program.

14 methods and equipment; 18I reactor engineering; 18J
reactor fuels
STD-79k P NSA

7-Mar-74
Uncl (EURFNR--1120) Progress in fast reactor physics
in the Federal Republic of Germany. KUESTERS, H.
(COMP.). (KERNFORSCHUNGSZENTRUM KARLSRUHE (F.R.
GERMANY); SOCIETE BELGE POUR L'INDUSTRIE NUCLEAIRE,
BRUSSELS). Aug 1973. 277p. Dep. NTIS \$16.00.
Work performed under United States--Euratom Fast
Reactor Exchange Program.

progress reports; 18k reactor physics; 18L reactors-power
STD-79d P NSA

Uncl (KFK-tr--443) 1-Aug-74
fields in electron-ring accelerators. Limitations of the effective
MESHCHERYAKOV, M.G. MAKHAN'KOV, V.G.;
(F.R. GERMANY). LITERATURABTEILUNG. (KERNFORSCHUNGSZENTRUM KARLSRUHE)
(In German). INIS. Oct 1973. 7p.
5 refs. Translation of the Russian report JINR-p9--
7261.

NSA

25-Sep-74
Uncl (EURFNR--1139) Studies on the reaction behavior
of austenitic steels with simulated fission products in
the presence of UC. HOFMANN, P.
(KERNFORSCHUNGSZENTRUM KARLSRUHE (F.R. GERMANY). INST.
FUER MATERIAL- UND FESTKORPERFORSCHUNG). Oct 1973.
Translation of KFK--1832. 65p. Dep. NTIS \$6.25.
Work Performed under United States--Euratom Fast
Reactor Exchange Program.

18G fission products; 18J reactor fuels; 18J reactor
materials; 18L reactors-power; translations
STD-79b P NSA

9-Sep-74
Uncl (ORNL-tr--2835) Effect of nitrogen concentration
on short- and long-term behavior of unstabilized
austenitic 18/14 CrNi steel. SCHIRRA, M.
(KERNFORSCHUNGSZENTRUM KARLSRUHE (F.R. GERMANY). INST.
FUER MATERIAL- UND FESTKOEPPERFORSCHUNG). [nd].
Translation by R.G. Mansfield of KFK-Ext.--6/73-5. 28p.
Dep. NTIS \$4.50.

11F metallurgy; transiations
NN-28 P NSA

9-Sep-74

Uncl (ANL-Trans--956) rf losses in superconducting
helix resonators (approx. =100 MHz range) caused by
frozen-in magnetic field. PIDSOZYK, B.
(KERNFORSCHUNGSZENTRUM KARLSRUHE (F.R. GERMANY). INST.
FUEER EXPERIMENTELLE KERNPHYSIK). Jul 1974.
Translation by A.H. Jaffey of IEKP II/III. Report 73-3-
LIN. 28p. Dep. NTIS \$4.50.

20G particle accelerators; translations
MN-28 P VSA

SORANTIN. H. et al
//KERNTECHNIK//
--/--/----, V----, N----
Decontamination of steels
pp not given C. E. 6523##

KEXUE TONGBAO (SCIENTIA)

MONTHLY STARTING

Vol 1, No 1, of each publication per letter 6 July 1973

COVER TO COVER CONSULTANTS BUREAU/PLENUM PRESS

KEYHAN ALSO SEE KAYHAN

New Developments in Nation's Meteorological
Network Described, 7 pp.
PERSIAN, np, Keyhan, Tehran, 20 Jan 73, p 17.
JPRS 58590

Apr 73

Revolution's Effects on Isfahan Sugar Factory
Are Listed, 6 pp.
PERSIAN, no, Keyhan, Tehran, 25 Jan 73, p 77.
JPRS 58690

Apr 73

Ahvaz Is Becoming Tehran's Southern Rival,
by Araks Ovanessian, 5 pp.
PERSIAN, no, Keyhan, Tehran, 29 Jan 73, p 5.
JPRS 58641

Apr 73

Now Development Budget for Tehran Is
Prepared, 5 pp.
PERSIAN, np, Keyhan, Tehran, 29 Jan 73, p 13.
JPRS 58641

Apr 73

Changes in Justice Ministry and Courts,
by Kuros Babai, 5 pp.
PERSIAN, np, Keyhan, Tehran, 1 Feb 73, p 2.
JPRS 58436

Mar 73

Oil Industry Is Opening Brilliant New Chapter,
by Mamuchehr Ghal, 11 pp.
PERSIAN, no. Kayhan, Tehran, 20 Mar 73, p 3.
JPRS 59131

Jan 73

General Guidelines Set for Exports and Imports,
7 pp.

PERSIAN, no, ⁸²Reyhan, Tehran, 20 Mar 73, p 31.
JPRS 59131

MAY 73

KFK-NACHRICHTEN

KERNFORSCHUNGSZENTRUM KARLSRUHE-NACHRICHTEN

LEUCHENRING, C. H.
//ATM FACSIMILE//
--/--/1970, V----, H0001,
The 11111 Agent for the Chemical Processing of
Infrared Substances,
in 6-0, 11111 11111-11111

KOCH, G.
//FBI BACHTONHEIM//
--/1/1977, Y-1111, 10000,
Recovery of 1170000-000 in the Laboratory 11111
in 0-11, 1111 11-1111-1111

Fruyentov, N.K., et al

Poisonous Plants

KHABAROVSKOYE KNIZDAT, 1971, 256 pp

*ACSI K-4069

July 1973

Fruyentov, N. K.,

Medicinal Herbs of the Far East
KHABAROVSKOYE KNIZDAT 1972, 398 pp.

*ACSI K-4068

July 1973

Labor Movement Scores New Gains, Sets Future
Goals, 6 pp.

KHARAVGI, Nicosia, 22 Dec 73, pp 1, 6.

JPRS 61053

Feb 74

Papaioannou Sets Tone for Akel Congress, 8 pp.
KHARAVGI, Nicosia, 9 Jan 74, pp 1, 7.
JPRS 61121

Mar 74

Mikhailidis, Khambis

Price Increases Have Serious Effects on
Agricultural Sector, 5 pp.

KHARAVGI, Nicosia, 10 Feb 74, p 1; 13 Feb 74,
pp 1, 6.

JPRS 61408

Akel Central Committee Report to the People,
7 pp.

VIARAVGI, Nicosia, 3 Apr 74, pp 1, 5; 4 Apr 74,
pp 1, 7.

JPRS 61886

APOL Central Committee Report Dealing With
Economic and Commercial Policies, 5 pp.
NIPARAYHI, Nicosia, 5 Apr 74, pp 1, 3; 9 Apr 74,
pp 1, 7.
JPRS 62003

Jul 74

Akel Central Committee Report on Taxation,
Health, Education, Social Insurance, 6 pp.
KARAVEL, Nicosia, 6 Apr 74, pp 1, 7.
JPRS 61886

Jul 74

Akel Central Committee Report to 13th Congress,
6 pp.

WTAIWWH, Nicosia, 10 Apr 74, pp 1, 5; 11 Apr 74,
pp 1, 7.

JPRS 62025

Aug 74

Agency: ERDA/Com.

9344/3165

P.O. Number: CTR-15-10/

15 June 75

Title: PLASMA PHYSICS AND PROBLEMS OF CONTROLLED
THERMONUCLEAR FUSION.

Edition: none Various for each article.

Source: Russian RIFEE-1 - G. Akhmedov, et al.

Language: Russian

Special instructions: Plasma Physics and
and and and. Type single page, aminate, cover
ready copy, all waste-a use error copy.TITLE: VOPROSY ATOMNOY NAUKI I TEKHNIKI, SERIYA:
FIZIKA PLAZMY I PROBLEMY UPRAVLYAYEMOGO TERMOYA-
DERNOGO SINTEZA.

Slavov, N.

Measurement of Moisture in typical Chernozem Soil
with an AM-11 Resistance Soil Moisture Meter

HYDROLOGIYA I METEOROLOGIYA. SOFIA, v. 16, n. 5, 1967,
pp. 67-69

HTC 73-12582-02M

HTIS HTC-30344

Basics of 'Water Economy' PEO in 1973 Outlined,
by Viril Genev, 6 pp.

MIKHAIL, per, Khidrotchnika i Mollratsii,
Sofia, No 2, 1973, pp 5-5.

APR 5 1977

201 77

Spasovski, M.

*Experimental data serving as a basis for separate
permissible concentrations of dibutylphthalate.*

KHIGIENA (EPIDEMIOLOGIYA I MIKROBIOLOGIYA). SOFIA.

Vol 7, 1964, pp 38-44

NTC 73-22068-06T

Cholakova, T.

The December Plenum and the Tasks of the Health
Service for 1973, 9 pp.

KHIGIENA I ZDRAVEOPAZVANE, Sofia, No 3, 1973,

pp 303-308.

JPRS 60241

Oct 73

Golemanov, M.

Birth Control Pills Urged to Combat High
Abortion Rate, 6 pp.

KHIGIENNA I ZDRAVOPAZVANIE, Sofia, Vol 16, No 6,
1973, pp 531-536.

JPRS 61713

Jun 74

Khim Stop go to next word

One word titles filed first

Klisenko, M. A.

Toxic Organophosphorus Compounds, 47 pp.
KHIMICHESKIY ANALIZ MIKROKOLICHESTV
YADOKHIMIKATOV, Moscow, 1972, pp 45-99.
JPRS 59582

Aug 73

Sterlin, Rafail N.

Chemical Weapons and Defense Against Them 52 pp

KHIMICHESKGO DRUZHIYE I ZASHCHITA OT NEGO

Second Edition, Revised & Enlarged 1971

FSTC-HT-23-1000-73

Trofimov, F. A.

Investigation s in the field of Quinones. Report
no. 52. Condensation of phenyl-sulfonyl-p-benzo-
quinone with imines of β -ketoesters

KHIMIKO-FARMATSEVICHESKII ZHURNAL, v. 5, n. 1, 1971,

pp. 30-32

D 71-10470

MSC 72-12092-07C

Voitenko, A. D.

Interaction of Furan-2, 5-Dialdehyde with D-Cycloserine

KHIMIKO-FARMATSEVTICHESKII ZHURNAL, V. 6, n. 3, 1972,

p. 24-26

NTC 73-11747-060

Shtoffer, L. D.

Selection of a Regime of Aeration and mixing in Fermentation Processes

KHIMIKO-FARMATSEVTICHESKII ZHURNAL, n. 4, 1972, pp. 11-14

NTC 73-12516-06A

MOTINA. G. L.

//KHIMIKO-FARMATSEVTICHESKIY ZHURNAL//

--/06/1973, V0007, N0006

Methods of testing filtering materials by a
bacterial aerosol (SURVEY) 13 pp

pp 23-29 AIR/FTD/MT-24-1555-74

DISTRIBUTION LIMITED TO U.S. GOV'T AGENCIES

ONLY: COPYRIGHT INFORMATION: OTHER REQUEST

FOR THIS DOCUMENT MUST BE REFERRED TO FTD##

TRAVINA. L. A.

//KHIMIKO-FARMATSVETICHESKIY ZHURNAL//

--/07/1973, V0007, N0007

The dispersion analysis of medicinal aerosols
used for inhalation purposes 9 pp

pp 51-55 AIR/FTD/MT-24-1320-74##

Voblikov, V. A.

Destruction products following sterilization 9 pp
KHIMIKO-FARMA TSEVICHESKIY ZHURNAL, vol. 7, no. 6,
1973, pp. 56-58
NASA TT F 15,573

RUSSIAN

CSO: 8344/0283

12 August 1974

The Chemistry of Hemicellulose

Moscow, Khimiya Gemitsellyuloz, 1972,
pp 2, 439-440

Special type B

Do not publish

Single spaced draft plus one

KHIMIYA GETEROTSIKLICHESKIKH SOEDINENIY

CHEMISTRY OF HETEROCYCLIC COMPOUNDS

COVER TO COVER CONSULTANTS BUREAU

BEGAN WITH 1965 ISSUES

MAZERE, I. V.

//KHIMIYA GETEROTISIKLICHESKIKH SOYEDINENIY//

--/--/1972, V----, N0012,

Synthesis of 2,3,7,8-Tetramethyldibenzofuran,
pp 1597-1599, NTC 74-11666-07C##

18-Apr-74

Uncl (UCKL-Trans--1509) Aectals of lactams:
synthesis and some chemical properties of diethylacetal
of N-methylpiperidone-2. GRANIK, V.G.; SUKHOPUCHKIN,
A.G.; KURYATOV, N.S.; PAKHOMOV, V.P.; GLUSHKOV, R.G.
Translated from Khim. Geterotsikl. Soedin., Akad. Nauk
Latv. SSR; No. 7, 954-957(1973). 8p. Dep. NTIS \$3.00.

07C chemistry (organic); translations
MN-4 P NSA

15-Apr-74

Uncl (UCRL-Trans--1510) Chemistry of indole: on the interaction of 2-aminoindole with β -diketones.

SAGITULLIN, R.S.; MEL'NIKOVA, T.V.; KOST, A.N.; SNEGIREV, V.F.; FRENKEL', E.N. Translated from Khim. Geterotsikl. Soedin., Akad. Nauk Latv. SSR; No. 8, 1043-1046(1973). 7p. Dep. NTIS \$3.00.

07C chemistry (organic); translations
MN-4 P NSA

Nikolov, L.

Improvement of adhesion in cord-tire systems.

KHIMIYA I INDUSTRIYA. SOFIA, No 7, 1969, pp 231-232

NTC 73-13509-11J

GUKHMAN, G.
//KHIMIYA I INDUSTRIYA, //
--/--/1969, V----. N0007,
Thermoelectric properties of indium selenide-
bismuth selenide system alloys, 5 pp
pp 1067-1070 A6SI K-2226 FSTC-HT-23-1654-72@@

15-Nov-74

Uncl (AD--779612) Thermoelectric properties of indium
selenide--bismuth selenide system alloys. GUKHMAN, G.;
KUSTOVA, M.G.; NICKLOVA, S.M. Translated from Khim.
Ind. (Sofia); No. 7, 1067-1070(1969). 6p.

NSA

BOZADZHIEV, P.

Kinetics of Fluorite Decomposition with Sulfuric Acid
KHIMIYA I INDUSTRIYA, SOFIA, vol. 43, no. 2, pp. 53-56
1971

ATS 06A130B

March 73

Micheva, El.

Non-aqueous titrations of aromatic amines.

KHIMIYA I INDUSTRIYA. SOFIA, 1971,

pp 327-328, v. 43, n. 7.

NTC 73-12353-07C

V'leva-Chobanova, E.

Effects of pressure moulding conditions
on the quality of polymethylmethacrylate
lenses.

KHIMIYA I INDUSTRIYA. SOFIA, 1972, pp 129-
132, v. 44, n. 3.
NTC 73-12149-111.

Klyuyeva, R.I.

Effect of Iodide on the Polarographic Behavior
of Hydrazine on a Platinum Electrode

KHIMIYA I KHIMICHESKAYA TEKHNOLOGIYA ALMA- ATA,
1970 pp 58-61

FSTC-HT-23-1761-72

Galivets, D. V.

Change in the microgeometry of sliding-friction units
during operation in nitric acid 8 pp

TRINITOLITOMI MASHINOSTROYENIYE, no. 15, 1972, pp.
16-21

ATR/100-100-02-2(15-7)

Shorshorov, M. Kh.

Effect of the superplasticity of titanium and its alloys, and the use of this phenomenon for welding in a solid state

CHEMISTRY OF METAL ALLOYS (KHIMIYA METALLICHESKIKH

SPLAVOV, Moscow, Nauka Press, 1973, pp. 140-145

NASA TT F-15,374

★-75TC-HT-23-0665-74

NEW DEVELOPMENTS IN THE AREA OF DEFORMED MAGN
ESIUM ALLOYS

DRITS, M., SVID LANGUAGE-RU COUNTRY-UR

KHIMIYA METALLICH. SPLAVOV, "NAURA", M., 1973
, (SB.) 158-166

FSTC-HT-23-0664-74

SOROKIN, YU. L.

Principles of Drop Separation from Vapor or Gas Streams
KHIMICHESKOE I NEFTYANOE MASHINOSTROENIE, no. 8, pp. 20-
22, 1968
NTC 73-10223-07A

March 73

Socialist Competition Stressed to Boost Production,
7 pp.

RUSSIAN, per, Khimicheskoye i Neftyanoye Mashino-
stroeniye, Moscow, No 3, Mar 1973, pp 1-4.

JPRS 58980

May 73

Doroshenko, I. V.

Competition Highly Effective in Pulp-and-Paper
Machine Making.

7 pp

KHIMICHESKOYE I NEFTYANOYE MASHINOSTROYENIYE.

Moscow, No 9, Sept 1973, pp 1-3.

JPRS 60453

Zlobina, K. S.

Advanced Technology in Petrochemical Machine
Building.

9 pp

KHIMICHESKOYE I NEFTYANOYE MASHINOSTROYENIYE,
Moscow, No 9, Sept 1973, pp 4-7.

JPRS 60676

Glikman, L. S.

Increasing Growth Rate in Chemical, Petroleum
Machine Building Industry.

6 pp

KHIMICHESKOYE I NEFTYANOE MASHINOSTROYENIYE,

Moscow, No 7, Jul 74, pp 1-2.

JPRS 63080

Terzyan, G. O.

Collaboration Among CEMA Member States.

6 pp

KHIMICHESKOYE I NEFTYANOYE MASHINOSTROYENIYE.

Moscow, No 5, Apr 74, pp 1-2.

JPRS 62413

Mikheles, Ya. S.

Production Cost Accounting at Machine Building
Plant Examined.

7 pp

KHIMICHESKOYE I NEFTYANNOYE MASHINOSTROYENIYA,
Moscow, No 7, 1974, pp 33-34.

JPRS 62866

AGENCY: LIBRARY OF CONGRESS

9844/2710 829.
31 Dec. 1974

P.O. NUMBER: LB75-1129

TITLE: Khimicheskaya Pererabotka Drevesiny i yeye
Perspektivy.

AUTHOR: V.M. Nikitin

LANGUAGE: RUSSIAN ppl-88

INSTRUCTIONS: Translation should include all labels,
graphs, and explanatory material which are included
in the article.

Source: "Publishing House" Lesnaya Promyshlennost'

NAME: A. LITTE

1974

KHIMIYA PRIRODNYKH SOEDINENIY

CHEMISTRY OF NATURAL COMPOUNDS

COVER TO COVER CONSULTANTS BUREAU

BEGAN WITH 1965 ISSUES

Trufanov, V. A.

*Tuberculin-active fragments of mycobacteria of the
vallee-58 strain 3 pp*

KHIMIYA PRIRODNYKH SOYEDINENIY, nr. 3, 1971, pp. 385-386
AIR/FTD-HT-23-806-74

PATRIKEEV, V. C.

//ХИМИЧЕСКИЕ ПРОДУКТЫ КОНСЕРВАЦИИ УГЛЕЙ ВОСТОКА

СССР//

---/---/1970, 4-й том, стр. 66,

Рассо-Эквивалента of the Arsenic-Hydrogen Sulfide-
Water System,

pp. 3-17, NPO Kh-10000-VNIIC