

Kitagawa, Mutsuo, Hayashi, Katsumi, and Kodama,
Teruo.
STUDIES ON ACTIVE CARBONS ACTIVATED BY
ZINC CHLORIDE. [1961] [16]p.
Order from SLA \$1.60

61-18694

Trans. of Kagaku to Kogyo, Osaka (Japan) 1960, v. 34,
p. 428-[443].

DESCRIPTORS: *Activated carbon, Carbon, *Zinc com-
pounds, *Chlorides, Chemical reactions, Density, Po-
rosity, Adsorption.

The zinc chloride activated carbons and the sulfur contain-
ing carbons were measured for their specific gravity by
the immersion technique, using water, and their porosity
was calculated from the amount of water vapor adsorbed
at saturation, and the relationship between the bulk den-

61-18694

I. Kitagawa, M.
II. Hayashi, K.
III. Kodama, T.

184267

Study on Increasing Vitamin B₂ in Flavin Yeast,
Report No 2. Simple Method of Making Flavin Yeast,
by H. Inoue, K. Inoue, S. Kitagawa, 7 pp.

Full translation.

JAPANESE, per, Ministry of Education, Scientific
Testing Studies. Report of the Committee for the
Study of Enriched Foods (Reports for the Year 1951),
May 1951, pp 22-25.

28,201

NIH Tr 618

Scientific - Chemistry

Oct 55
CTS/DEX

Study on Feeding Standard of the National Safety Force. Report No 1. Calory Consumption and Calory Intake of Personnel of the Makomanai Unit at Sapporo, by B. Hattori, S. Suzuki, S. Nagamine, S. Kitagawa, 21 pp.

JAPANESE, per, Hoan Eisei, Vol I, No 1, March 1954, pp 15-22.

NIH TR 722

Scientific - Chemistry

28,162

NOV
Oct 55
CRB/DEX

Rapid Method of Detecting Minute Quantities of
Chloride Dioxide by Means of Detector Tubes,
by T. Kitagawa, Y. Kobayashi.

JAPANESE, per, Nippon Kagaku Kaishi, Vol. LVII, No 3
pp 177-179, Mar 1955.

ASLIB-GB39

Sci - Chem
Aug 58

70,350

Effect of Pressure in the First Stage of Pressing
Cycle on Properties of Hardened Chip Board, by
Kakuichi Kitahara.

JAPANESE, per unknown.

USDA
North Carolina State College Tr 31

Sci - Physics
May 58

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Effects of Chip Dimensions on the Properties
of Chipboard, by K. Kitahara, K. Kasagi.
JAPANESE, per, Mokuzai Kogyo, Vol 10, No 8,
1955, pp 406-412.
MTC-69-13259-11L

K. Kitahara

Sci-Mat
Sept 69

392,772

Catalytic Oxidation of Petroleum Hydrocarbons
in the Vapor Phase. I. Manufacture of Maleic
Acid by the Oxidation of the Butane-Butylene
Fraction, by M. Kitahara.

JAPANESE, per, Rikagaku Kenyujyo Hokoku,
Vol XXXIV, 1958, pp 283-288.

ATS-TJ-2405
ATS 8040J

Sci - Chem

Feb 61

138,271

Cat
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by

JAP
195

Sci

Ye

63-12261

Kitahara, M., Mitsui, T., and Hirayama, T.
OXIDATION BY HYDROGEN PEROXIDE AND SELENIUM DIOXIDE. Pt. I of Synthesis of α , β -Unsaturated Acids and their Esters by the Oxidation of α , β -Unsaturated Aldehydes. [1962] 14p.
Order from ATS \$18.50 ATS-78P64J

Trans. of Rikagaku Kenkyujo Hokoku (Japan) 1962, v. 38, no. 1, p. 81-89.

DESCRIPTORS: *Organic acids, *Esters, Synthesis, *Aldehydes, *Hydrogen compounds, *Peroxides, *Selenium compounds, *Dioxides, Oxidation.

(Chemistry--Organic, TT, v. 9, no. 2)

- I. Kitahara, M.
- II. Mitsui, T.
- III. Hirayama, T.
- IV. ATS-78P64J
- V. Title: Synthesis ...
- VI. Associated Technical Services, Inc., East Orange, N. J.

0207856

Office of Technical Services

Ether Extraction of Iodides of Hydriodic Acid
Solutions of Various Elements, by S. Kitahara, 5 pp.

JAPANESE, per, Kagaku Kenkyusho Hokoku, Vol XXIV,
1946, pp 454-457.

AEC UCRL-Trans-559(L)

Sci - Chem
10 Nov 60
List 45

131,401

Preparation of Electrodes of PbO_2 and Their Applications,
by S. Kitahara, T. Osuga.

JAPANESE, per, J. Electrochem Assoc Japan, Vol X, pp
409-413, 1942.

Insdoc-T1643

Sci - Chem
Aug 58

70,602

Kitahara, Saburo, Asahara, Hiromasa, and
Atoda, Tetsuzo.
METHOD FOR QUANTITATIVE ANALYSIS OF FREE
CARBON IN BORON CARBIDE. Rept. no. 1 on Quanti-
tative Analysis of Impurities in Boron Carbide.
1 June 60, 10p. 3 refs.
Order from SLA \$1.10

61-18575

Trans. of mono. [paper] presented at Science Research
Institute Meeting (no. 53) Oct 57.

DESCRIPTORS: *Carbon, Chemical analysis, Oxi-
dation, Decomposition, *Boron compounds, *Carbides,
Carbon dioxide, Production, Quantitative analysis,
Impurities.

The analysis for total carbon content can be obtained
by treating a 20- to 25-mg sample in an oxidation bath
containing 0.5 g of KIO₃ and 5 ml of concentrated
(Chemistry--Analytical, TT, v. 7, no. 7) (over)

61-18575

- I. Kitahara, S.
- II. Asahara, H.
- III. Atoda, T.
- IV. Title: Quantitative ...

Office of Technical Services

Kitahara, Saburo, Asahara, Hiromasa, and
Asoha, Tetsuzo.
METHOD FOR QUANTITATIVE ANALYSIS OF FREE
CARBON IN BORON CARBIDE. Rept. no. 1 on Quanti-
tative Analysis of Impurities in Boron Carbide.
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by treating a 20- to 25-mg sample in an oxidation bath
containing 0.5 g of KIO₃ and 5 ml of concentrated
(Chemistry--Analytical, TT, v. 7, no. 7) (over)

61-18575

I. Kitahara, S.
II. Asahara, H.
III. Asoha, T.
IV. Title: Quantitative ...

197171

Office of Technical Services

On Ether-Extraction of Fluorides or Hydrofluoric
Acid Solutions of Various Elements, by Saburo
Kitahara, 6 pp.

JAPANESE, per, Kagaku Kenkyusho Hokoku, Vol XIV,
No 4, 5, 1950, pp 165-167.

ABC UCEL-Trans-609(L)

Sci - Chem
May 61

150,883

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A Method of Surface Treatment of Vulcanized
Rubber, by T. Kitahara, T. Nagata.
JAPANESE, Patent Publication SHO 44-2 561.
BTC-69-16594-113

T. Kitahara

Sci-Materials
Feb 70

402,859

Kitaigorodskii, A. I., Tsvankin, D. Ya., and
Petrov, Yu. M.
LONG PERIODS IN ENANT FIBERS. [1962] 2p.
Order from ATS \$2.50 ATS-16P59R

Trans. of Vysokomolekulyarnye Soedneniya (USSR)
1961, v. 3, no. 9, p. 1428.

DESCRIPTORS: *Synthetic fibers, *Amines,
*Enanthic acid, Polymers, Preparation, Condensation
reactions.

(Materials--Textiles, TT, v. 8, no. 10)

62-17157

- I. Title: Enanth fibers
- I. Kitaigorodskii, A. I.
- II. Tsvankin, D. Ya.
- III. Petrov, Yu. M.
- IV. ATS-16P59R
- V. Associated Technical
Services, Inc.,
East Orange, N. J.

C226299

Office of Technical Services

Problems of Increasing the Strength and
the Thermal Stability of Glass, 37 p.
by I. I. Kitaigorodskiy, S. I. Silvestrovich.
RUSSIAN, per, Vostochnoe Khimicheskoe
Obshchestvo Zhurnal, Vol 6, 1961, pp 635-642.
SIA TT-66-10688.

I. I. Kitaigorodskiy

Sci-HEM
Jul 66

306,011

On the Analysis of Spectra of Wind-Generated Wave Motion
Ily S. A. Kitsigorodskii, S. S. Strelalov, Tpp

RUSSIAN, per, Iz Ak Nauk SSSR, Ser Geofiz, No 8,
1963, pp 1240-1250.

AGU

Sci
Jan 64

245,912

Applications ~~for~~ of the Theory of Similarity to the
Analysis of Wind-Generated Wave Motion as a Stochastic
Process, by S. A. Kitaigorodski, 9 pp.

RUSSIAN, per, Iz Ak Nauk SSSR, Ser Geofiz, No 1,
1962, pp 105-117.

Amer Geophys Union

Sci

Oct 62

214,017

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The Topological (Dyadic) Analysis of Molecular
Crystals, by A. I. Kitaigorodskii.
RUSSIAN, per, Zh. Fiz. Khim., Vol 19, No 10/11,
1945, pp 523-528.
NLI. 5828.4F (11628)

A. I. Kitaigorodskii

Sci - Chem
Sept. 67

340,358

Calculation of the National Economy of Yugoslavia
in Constant Prices Over the Period 1947-1959,
by B. Kitaljevic, 31 pp.

SERBO-CROATIAN, per, Finansije, Vol XV, No 11/12,
1960, pp 609-629.

JPRS 9248

EBur - Yugoslavia

Econ

153, 784

Jun 61

PRODUCTION FORCES AND RESOURCES OF COMRADES, BY
BOSSO KITALJEVIC, 15 PP.

SENDO-CROATIAN, PER, INSA STVARNOST, NO 10, 1963,
PP 385-395.

JPRS 22307

EE-YUGOSLAVIA
SOC
DEC 63

244,244

Effect of the Administration of Vitamin B₁ and Vitamin B₂ on the growth of the Fetus, by R. Takada, M. Hshio, M. Kitamura, 3 pp.

Full translation.

JAPANESE, per, Ministry of Education, Scientific Testing Studies. Report of the Committee for the Study of Enriched \bar{E} Foods (Reports for the Year 1951), May 1951, p 20.

28,206

NIH Tr 623

Scientific - Chemistry

Oct 55
CTS/DEX

Effect of Enrichment With Vitamin A and D on the Health
of School Children, by R. Takada, M. Nishio, M. Kita-
mura, 2 pp.

Full translation.

JAPANESE, per, Ministry of Education, Scientific
Testing Studies. Report of the Committee for the
Study of Enriched Foods (Reports for the Year 1951),
May 1951, pp 20-21.

28,205

NIR Tr 622

SLA 2011

Scientific - Chemistry

Oct 55
CTS/DEK

Mathematical Development of Mould Loft with
Digital Computer, by M. Kitamura.
JAPANESE, per, Technical Review, Mitsubishi
Nippon Heavy Industries, Vol. 3, No. 2, 1962,
pp 230
GB/17/1605

M. KITAMURA

Sci -
Aug 67

335-705

NCH-201 857

Field 13J, 9B

Kitamura, M.; Takaku, A.
MATHEMATICAL MOULD LOFTING BY ELECTRONIC
COMPUTER. Repl. no. 2. 1965, 19p, 2refs. BSRA-2056.
Order from BSRA: L5 as BSRA-2056

Trans. of Zosen Kyokai Rombun Shu (Japan) n115 p618ff
1964.

Presented to the Spring Conference of the Society for Naval
Architecture of Japan, May 1964.

I. British Ship Research
Association, London
(England)

4004015
304015

Report No 5. Quantitative Estimation of Mercury.
Summary of Reports on the Study of Minamata Disease,
by S. Kitamura, 2 pp.

JAPANESE, rpt, 20 Aug 1959, p 9.

NIH 11-39

Sci - Medicine
Dec 59

OTS 50-19803

Regarding the Influence of Ultraviolet Irradiation
Upon Antigen. (Horse Serum, Eggwhite)., by S.
Kitamura, M. Murayama, 5 pp.

GERMAN, per, Klin Wochschr, Vol XVI, 1937, pp 88-90.

S.L.A. Tr 57-397

Sci - Biology
Jun 57/CIS

49,005

Kitamura, Saburo, Kubo, Takao and others.
SINTERED CADMIUM SULPHIDE PHOTOCONDUCT-
ING FILMS. [1961] [12]p.
Order from SLA \$1.60

62-10987

Trans. of Oyo Butsuri (Japan) 1960, v. 29, no. 9,
p. 636-641.

DESCRIPTORS: *Cadmium compounds, *Sulfides,
*Photoconductive films, Preparation, *Sintering,
Photosensitivity, Solid state physics.

The production method and the characteristics of
photoconductive sintered CdS film are described. As
sintered CdS film can be fabricated into desired
shapes and a comparatively strong photocurrent can
be gained from it, it is expected to be employed in
many ways as a photosensitive element in various
photoelectric relays or photoelectric meters. (Author)
(Physics--Solid State, TT, v. 8, no. 1)

62-10987

I. Kitamura, S.
II. Kubo, T.

NLH M 8962

Office of Technical Services

Kitamura, T.

PHARMACOLOGICAL STUDIES ON COMPOUNDS RELATED TO NICOTINE, ESPECIALLY ON NORNICOTINE. [1962] 35p.

Order from K-H \$43.75

K-H 9054-c

Trans. of Nihon Yakurigaku Zasshi (Japan) 1958, v. 54, p. 825-837.

DESCRIPTORS: *Tobacco, Pharmacology, Alkaloids, *Nicotine.

62-22495

- I. Kitamura, T.
- II. K-H-9054-c
- III. Kresge-Hooker Science Library Associates, Detroit, Mich.

0827203

(Biological Sciences--Pharmacology, TT, v. 9, no. 2)

Office of Technical Services

Effect of Vacuum Casting on the Quality of Steels
for Rolling, Part I, by Y. Kitamura, et al.

JAPANESE, per, Tetsu to ~~Kim~~ Hagane, Vol XLVIII,
No 11, 1962, pp 1338-1340.

HB 5807

Sci-Min/Met
Jan 63

219.967

Ladle Degassing of Unkilled Steel, by Y. Kitamura, et al.

JAPANESE, per, Tetsu To Hagane, Vol XLIX, NO 3, 1963,
pp 463-465.

HB 6046

Mat & Met
Oct 63

240,382

Comments on Ingot Molds Cast Directly From
Elast-Furnace Hot Metal Compared with Cupola Iron,
by Y. Kitamura et al.

JAPANESE, per, Tetsu To Hagane, Vol XLIX, 1963,
No 3, pp 525-526.

HB 6047

Mat & Met
Oct 63

345,160

AEC-tr-4482(p.654-65) Uncl.

TOH-SHIBA HOT LABORATORY. R. Kitani and
M. Terada.

C-23 P NSA

*Second Japan Conference on
Radioisotopes, Feb 1958*

N-4

Kitano, Takeo and others.
METHOD FOR THE MANUFACTURE OF OXI
PHOSPHORUS CHLORIDE. [1961] 4p.
Order from AC \$4.00

Trans. of [published] Japanese patent 4351(50), by
Toyama Kagaku Kogyo Kabushiki Kaisha.

DESCRIPTORS: *Oxygen, *Phosphorus compounds,
*Chlorides, Manufacturing methods, Economics.

The invention relates to a method for the manufacture
of oxl phosphorus chloride, comprising the ignition
and reaction of the mixture of phosphorus trichloride
or a substance capable of forming phosphorus tri-
chloride or containing it and oxygen or the air in a
gaseous state at the ratio of 2 moles of phosphorus
trichloride to one mol of oxygen. The purpose of the
invention lies in manufacturing at a high yield and
(Engineering--Chemical, TT, v. 7, no. 3) (over)

62-12034

- I. Kitano, T.
- II. Patent (Japan)
pub. 25-4351
- III. Capelo, A.,
Hollywood, Calif.

Office of Technical Services

A New Turbidimetric Determination of Traces of Chloride, by Y. Kitano, H. Tsubota.

JAPANESE, per, Nihon Kagaku Zasshi, Vol LXXV, 1954, pp 931-933.

MLL M. 4040

Sci - Chem

Apr 62

191,909

(2053/-N/c)

For Wider Application of Planned Payments Among
Enterprises, by Stoyan Kitanov, 9 pp.

BULGARIAN, *Magar*, *Finansi i Kredit*, No 7, Sofia,
1958, pp 32-38.

US JPRS 1223-N

ESur - Bulgaria
Econ
Feb 59

81,808

On the Synthesis of Arylvinylsulphones and Their
Reactive Properties, by Teijiro Kitao, Echuhiko Kuroki,
Kenzo Konishi, 16 p.

JAPANESE, per, ^YKogyo Kagaku Zasshi, 1959, Vol. LXII,
No 6, pp 825-828.

SLA 60-10444

Sci
Apr 60
Vol. III, No 3

112,085

Kitacka

Kitacka and Fujita,
 SYNTHÈSE DES DÉRIVÉS DE L'ALCOOL TERPEN-
 IQUE DE LA SÉRIE ALPHATIQUE, RAP. I, SYNTHÈSE
 DU DEHYDRO-ALLO-OCIMENOL, 2,6 DIMÉTHYLE-
 OCTÈNE 5 OL 2 - A PARTIR DE 1' α -PINENE
 (Synthesis of Terpene Alcohols. I. Dihydro-AlloOc-
 imenol (2,6-Dimethylocten-5-ol-2) from α -Pinene).
 10p 3 refs
 Order from OTE, ETC or CNRS en so

62-26916

1. Title: 2,6-Dimethyl-
octen-5-ol-2
2. Title: Pinene
- I. Kitacka
- II. Fujita
- III. Centre National de la
Recherche Scientifique

... ..
v. 74, no. 2, p. 76-78.

DESCRIPTORS: Aliphatic compounds, Alcohols,
*Terpenes, *Ethers.

(Chemistry--Organic, TT, v. 10, no. 10)

v. 11111: Dihydro...

Office of Technical Services

NY-663L

REFORM OF THE COMMERCIAL STRUCTURE AND CHANGE
IN THE STATUS OF CAPITALISTS IN COMMUNIST
CHINA, BY KITAOKA TOYOJI, L3 PP.

JAPANESE, PER, AJIA KENKYU, NO 274,
27 JUN 1961, PP 2-10, NO 275, 4 JUL 1961,
PP 2-9.

JPRS 10125

ASIA - CHINA

ECON NOV 61

173. 119

The Influence of Kohn (a photosensitive dye) on Tumor
Growths, by Kitasu Suzue, Ichiro Okamura and Kosuke
Ushijima, 2 pp.

JAPANESE, Genn, Vol XXXIX, No 1, Japan, 1948, p 45.

CIA/FDD X-663

Scientific - Medicine

National Institute of Health, Bethesda, Md.

A-6175

The Flow of Gas in the Cyclone EX by Yoshiyuki Kitaura

EX JAPANESE, Chem, Engng, 15 (5), 206-211.

TPA3/TIB Tr No T 3970

Scientific - EX Chemistry, Engineering

A. 5 388

Effect of Anemia on the Catalase Activity of
Yeast and *Aspergillus niger*, by G. S. Kitavin,
3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXIII, No 6,
1957, pp 1363-1365.

Amer Inst of Biol Sci

Sci - Biology

Aug 58

70,260

On the Two Isomers of Trimethylmelamine, by Rokuro
Mitawaki, 18 pp.

JAPANESE, per, Nihon Kagaku Zasshi, Vol LXXXI,
No 1, 1960, pp 175-179.

SLA 60-16676

Sci

Mar 62

190,049

Vol IV, No 6

Kitayama, H. and Osawa, Y.
FOAMING ABILITY OF POLYETHYLENE COM-
FOUNDED WITH CELOGEN, A SULFONYL HYDRA-
ZIDE BLOWING AGENT. Pt. 1 of Studies of Cellular
Polyethylene. [1962] 14p.
Order from ATS \$20.75

ATS-51P61J

Trans. of Nihon Gomu Kyokai (Japan) 1959, v. 32,
no. 7, p. 518-527.

DESCRIPTORS: *Rubber, Foams, *Polymers, *Ethyl-
enes, Sulfonyl radicals, Hydrazines, Expanded plastics

(Chemistry--Organic, TT, v. 8, no. 7)

62-22158

- I. Title: Celogen
- I. Kitayama, H.
- II. Osawa, Y.
- III. ATS-51P61J
- IV. Title: Studies...
- V. Associated Technical
Services, Inc., East
Orange, N. J.

62-22158

Office of Technical Services

Kitayama, H., Osawa, Y., and Masuzawa, T.
FOAMING ABILITY OF POLYETHYLENE COM-
POUNDED WITH AZODICARBONAMIDE AND DINI-
TROSOPENTAMETHYLENETETRAMINE. Pt. 2 of
Studies of Cellular Polyethylene. [1962] 14p.
Order from ATS \$15.75 ATS-52P61]

Trans. of Nihon Gomu Kyokaishi (Japan) 1959, v. 32,
no. 7, p. 527-535.

DESCRIPTORS: *Polymers, *Ethylenes, *Expanded
plastics, Carbon compounds, Amides, Azo radicals,
Cyclopentanes, Amines, Nitroso radicals, Foams,
Pentanes, Methanes.

(Chemistry--Organic, *TT*, v. 8, no. 5)

62-17732

- I. Kitayama, H.
- II. Osawa, Y.
- III. Masuzawa, T.
- IV. Title: Studies . . .
- V. ATS-52P61]
- VI. Associated Technical
Services, Inc., East
Orange, N. J.

ATS JJ-3852

C222397

Office of Technical Services

T of C and Review of
Handbook for Personnel Concerned with Elec-
trical Installation and Wiring (v.5),
by G. I. Kitayenko (editor), 6 pp.

RUSSIAN, bk, Spravochnik Elektromontazhnika
v. 5, Leningrad, 1957, 575 pp.

B-287
Head, Lib Sv Sec
Air Info Div
Lib Congress

Improving the Transportation of Mineral
Fertilizers, by A. Yevstratov, A. Kitayev,
7 pp.
RUSSIAN, per, Avtomobil' Transport, No 3,
1964, pp 3-5.
JPRS 25119

USSR
Econ
Jun 64

262, 010

Precipitation of a Unipolarly-Charged Aerosol in an Enclosed Space, by V. F. Dunskiy, A. V. Kitayev, 10 pp.

RUSSIAN, per, Kolloid Zhur, Vol XXII, No 2, 1960, pp 159-167.

CB

Sci

May 61

153, 309

Unipolar Electrification of Aerosols in the Field of
the Corona Discharge, by A. V. Kitayev.

RUSSIAN, per, Vest Sel'skokhoz Nauki, Vol II, No 9,
Sep 1957, pp 127-131. CIA 9016913

USDA

Sci - Electronics
Mar 58
m

60,250

Study of the Sources of Pulsations in Hot-Blast Pressure at the Blast-Furnace Tuyeres, by A. A. Kukarkin, B. I. ~~KIKHAY~~Kitayev.

RUSSIAN, per, Iz Vyssh Ucheb Zavod Chern Met, No 2, 1963, pp 31-38.

HB 5897

Sci-M/M

Aug 63

343,504

Present State of the Theory of Heat Exchanges
in the Blast Furnace, by M. B. I. Kitayev,
J. G. Yaroshenko.

FRENCH, rpt, Paper Present at the Journées
Internationales de Siderurgie in Luxembourg,
1-4 Oct 1962, pp 45-57.

BIBI 3168

342,170

Bcl - M/M,
Aug 63

Hold-Up of Molten ~~XXXXXXXXXX~~ Materials in the
Blast-Furnace Stock Column, by A. S. Kukarin,
B. I. Kitayev.

RUSSIAN, per, Iz Vysshikh Ucheb Zaved Chern Met,
No 12, 1962, pp 20-28.

HB 5882

Sci-Engr

Nov 63

243,455

62-13386

Kitaev, B. I.

SURVIVAL OF COMBUSTIBLE COMPONENTS IN THE OXYGEN ZONE. Mar 58 [4]p. MinPower T.166; [DSIR NLL] M 553.
Order from OTS or SLA \$1.10 62-13386

I. Kitaev, B. I.
II. MinPower T-166
III. DSIR LLU M.553
IV. Ministry of Power (Gt. Brit.)

Trans. of mono. Gasification of Solid Fuel, Moscow, 1957, p. 286-290.

DESCRIPTORS: Solids, *Fuels, *Combustion, *Flames, Turbulence, Steam, Decomposition, *Oxygen, *Carbon compounds, *Monoxides, Survival, Blast furnaces, Fuel consumption.

In gasification with steam-oxygen blast, considerable amounts of carbon monoxide are present in the oxygen zone. At temperatures in the range of 1200°, the carbon monoxide is not burnt up but collects at the level of the fuel bed. Investigation of the mechanism of burning in flames shows that a turbulent flame for a given (Materials--Fuels, TT, v. 7, no. 12) (over)

Office of Technical Services

Flow Effects in the Blast-Furnace Bosh,
by B. I. Kitayev, A. S. Kutarkin.

RUSSIAN, per, Iz Vysshikh Ucheb Zaved,
Chern Metall, No 10, 1960, pp 40-45.

HB 5085

Sci - Engr
May 62

196, 335

Survival of Combustible Components in the Oxygen
Zone, by B. I. Kitayev. UNCL

RUSSIAN, bk, Gasification of Solid Fuels, Moscow,
1957, pp 286-290.

DSIR LUJ N.553

(loan)

Sci - Fuels
Mar 60

111, 116

OTS 62-13386

Communication Installations in Railway Traffic, by
Prof M. V. Kitayev, A. Ya. Kormilitayev, ~~XXXXXXXXXX~~
(ID 940009), 296 pp. UNCLASSIFIED

RUSSIAN, bk, publ in Moscow, 1950.

SCIA Tr No 606

USSR:

Economic - Communication, transportation, rail
Jul 54 CTS

17,732

Experimental Investigations of Laminar Systems.
25. Electron-Microscopic Investigation of the
Structure and Formation Mechanism of Ultrathin
Films of Copper Hydroxide Forming on a Solid
Surface, by E. M. Kazakov, G. A. Kitayev, S. G.
Mokrushin, 4 pp.

RUSSIAN, per, Kolloid Zhur, Vol XXII, No 1, 1960,
pp 23, 24.

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Sci

153,328

May 61

Experimental Investigations of Laminar Systems.
23. Kinetics of the Formation of Hydroxide Films
on the Surface of Capric Amine Solutions, S. G.
Makrushin, G. A. Kitayev,
6 pp. by

RUSSIAN, per, Kolloid Zhur, Vol XIX, No 1, 1957,
pp 93- 99.

Consultants Bureau

Sci - Chem

Jan 59

79,404

The Role of the Teacher's Promoting Word,
by N. N. Kitayev, 3pp.

RUSSIAN, per, Sovet Pedagogika, No 8, 1959,
pp 84-89.

Interntl Arts and
Sci Press
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