

NCH-200 953

Field III

Kamogawa, H.; Sekiya, T.
THE EFFECTS OF THE ADDITION OF PROTECTIVE
COLLOIDS IN THE EMULSION COPOLYMERIZATION
OF ACRYLAMIDE-ACRYLONITRILE. Rept. no. 10
of Studies on Fiber-treating Agents. 29 Apr 65, 17p,
(figs omitted). SA-KKZ-62-8-1.
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I. Kamogawa, H.
II. Sekiya, T.
III. Title: Studies...
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V. Seizaburo Aoki,
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Kamogawa, Hiroyoshi and Sekiya, Toshii.
CROSSLINKING OF POLYMETHYLOL ACRYLAMIDE
BY THE APPLICATION OF HEAT. Rept. 14 of Studies
on Fiber-Treating Agents. [1961] 12p. 5 refs.
Order from SLA \$1.60 61-10838

I. Title: Crosslinking
I. Kamogawa, H.
II. Sekiya, T.
III. Title: Studies...

Trans. of Kogyo Kagaku Zasshi (Japan) 1960, v. 63,
no. 9, p. 1636-1639.

DESCRIPTORS: *Acrylamides, Hydroxides, Methyl
radicals, *Polymers, *Polymerization, Temperature,
Acrylic resins, *Fibers.

Office of Technical Services

(Materials--Textiles, TT, v. 6, no. 1)

Kamogawa, Hiroyoshi, Murase, Ryotchi, and Sekiya,
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CROSSLINKING OF EMULSION COPOLYMER OF
N-METHYLOL ACRYLAMIDE AND ETHYL ACRYL-
ATE BY THE APPLICATION OF HEAT. Rept. 15 of
Studies on Fiber-Treating Agents. [1961] 15p. 4 refs.
Order from SLA \$1.60 61-10839

Trans. of Kogyo Kagaku Zasshi (Japan) 1960, v. 63,
no. 9, p. 1639-1643.

DESCRIPTORS: *Copolymerization, *Polymers,
*Acrylamides, Methyl radicals, Hydroxides, Acrylic
resins, Temperature, *Fibers.

(Materials--Textiles, TT, v. 6, no. 1)

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- I. Kamogawa, H.
- II. Murase, R.
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- IV. Title: Studies...

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DESCRIPTORS: *Acrylamides, Hydroxides, Methyl
radicals, *Polymers, *Polymerization, Temperature,
Acrylic resins, *Fibers.

(Materials--Textiles, TT, v. 6, no. 1)

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I. Title: Crosslinking
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Resistance of Electrodeposited Bright Tin
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Jan 57 CTS

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1960, v. 26 [no. 8] p. 225-238.

DESCRIPTORS: *Statistical mechanics, Mechanics,
Probability, Semiconductors, Electron transitions,
*Partial differential equations, Integration

In the present article first the general derivation of the
Fokker-Planck equation is given. Next some applica-
tions are treated and finally the limits of applicability
are briefly discussed.

(Physics--Theoretical, TT, v. 9, no. 11)

62-18605

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equation

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DESCRIPTORS: *Selenium, *Tellurium, *Arsenic, *Bismuth, *Absorption spectrum, Infrared radiation, Melting, Solids.

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JPRS 12183

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Burnazyan, I. D. Karayshenko, Ya. G. Nefedov, & op.

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Kamyshnaya, M. S.
ON THE BIOLOGY OF THE HYBRID BETWEEN
CHUM AND PINK SALMON: ONCORHYNCHUS KETA
(WALBAUM), INFRAS. AUTUMNALIS BERG × O.
GORBUSCHA (WALBAUM) --- FAMILY SALMONIDAE
(O Biologii Gibrich Kety i Gorbushi Oncorhynchus keta
(Walbaum), Infrasp. Autumnalis Berg × O. Gorbuscha
(Walbaum) Sem. Salmonidae) tr. by R. E. Foerster.
1962 [4]p. (fig. omitted) 3 refs. FRBC Trans. Series
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DESCRIPTORS: *Salmonidae, *Fishes, *Growth,
*Anatomy, Morphology.

(Biological Sciences--Zoology, TT, v. 10, no. 6)

63-17853

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- II. FRBC Trans-403
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Salt Dome Uplifts of the Southeast Kara-Kum and Age
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No. N. Karyshev.

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~~XXXXXXXXXXXX~~ G. Klebanov, B. Kanyshnikov, 13 pp.

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JPRS 6517

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Jan 61

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A TWO-SIDED EVALUATION OF CRITICAL FORCES
(O Dvustoronnei Otsenke Kriticheskikh Sil) tr. by
J. W. Palmer. Dec 60 [11p] Brefs RAE Library
Trans. no. 925; AD-251 065.
Order from OTS, SLA, or ETC \$1.60 TT-63-24315

Trans. of Inzhenerno-Stroitel'nyi Institut, Leningrad.
Nauch[nye] Tr[udy] (USSR) 1956, v. 23, p. 183-189.
(Abstract available)

DESCRIPTORS: *Beams (Structural), Mathematical
analysis, Structures, Green's function, *Loading
(Mechanics), Vibration, Rods, Integral equations,
Differential equations,

Starting from the well-known fact that the Rayleigh-
Ritz and Galerkin methods of estimating the critical
end load of a strut overestimate the load, and the
(Mechanics, TT, v. 11, no. 5) (over)

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- I. Kamyshko, I. A.
- II. RAE Trans-925
- III. AD-251 065
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Establishment (Gr. Brit.)

1 1 1 1 1

Office of Technical Services

**Two-Sided Evaluation of Critical Forces, by
I. A. Kamyshko,**

**RUSSIAN, per, Nauchnye Trudy Leningrad Inzhenerno-
Stroitel Inst, No 23, 1956, pp 183-189.**

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REF ID: A66782 157, 991

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(DC-3623).

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SSR, by S. Kamyshnikov, G. Klebanov, M. Piletskiy,
13 pp.

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JPRS 3490

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Service, Washington,
D. C.

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Iron Catalysts for the Synthesis of Am-
monia, by V. P. Kamsolkin and V. D. Liv-
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RUSSIAN, per, Zhur. Khim Prom, No 7, 1933, pp
32-35.

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Kamzolkin, V. P. and Livshits, V. D.
THE POISONING ACTION OF OIL ON THE ACTIVITY
OF AMMONIA CATALYSTS. [1963] 13p (figs
omitted) 2 refs
Order from OTS, SLA, or ETC \$1.60 TT-64-10739

Trans. of [Khimicheskaya Promyshlennost'] (USSR)
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I. Kamzolkin, V. P.
II. Livshits, V. D.

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ERATING TOWER NO. 5 AT THE BAREZNIKOVSKY
CHEMICAL COMBINE. [1963] 6p (figs omitted)
Order from OTS, SLA, or ETC \$1.10 TT-64-10740

Trans. of [Khimicheskaya Promyshlennost'] (USSR)
1963 [v. 12] no. 7, p. 687-690.

(Chemistry--Physical, TT, v. 11, no. 11)

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60 pp.

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64, 1922, pp 5-61.

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Kamzolkin, V. V., Rashkirev, A. N., Sokova, K. M.
and others.

CONVERSIONS OF HIGHER ALIPHATIC ALCOHOLS
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29refs

Order from OTS, SLA, or ETC \$1.60 TT-64-10786

Trans. of Neftekhimiya (USSR) 1961, v. 1 [no. 5]
p. 675-682. (Abstract available)

DESCRIPTORS: *Alcohols, *Oxidation, Molecular
structure, *Esters, *Ketones, Synthesis (Chemistry).

It was established that during liquid-phase oxidation of
higher n-alkyl alcohols oxidation reactions occur
also in the alkyl-part of molecule with formation of
bifunctional compounds, the portion of which in reac-
tion products varies as function of OH-group position in
the molecule. This portion drops with OH-group dis-
placement from end of chain toward middle of chain.
(Chemistry--Organic, TT, v. 11, no. 9) (over)

I. Kamzolkin, V. V.
II. Rashkirev, A. N.
III. Sokova, K. M.

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Synthesis of Higher Ketones by Liquid-Phase Oxidation
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Potarin, V. V. Kazolkin, 4 pp.

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RUSSIAN, per, Dok Ak Nauk SSSR, Vol. CXXVI, No 6, 1959, pp 1286-1288.

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On the Composition of the Ketones Formed During
the Liquid-Phase Oxidation of n-Paraffinic Hydro-
carbons, by V. V. Kamzolkin, A. M. Bashkirov, K. M.
Sokova, T. P. Andreyeva, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXVIII,
No 5, 1959, pp 956-959.

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Kamzolkin, V. V., Bashkirov, A. N., and Lodzik,
S. A.
COMPOSITION OF THE ALCOHOLS PRODUCED BY
DIRECT OXIDATION OF PARAFFIN HYDROCARBONS
UNDER INDUSTRIAL CONDITIONS. [1963] [12p]

6refs

Order from OTS or SLA \$1.60

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Trans. of Neftekhimiya (USSR) 1961, v. 1 [no. 2]
p. 260-266.

DESCRIPTORS: *Hydrocarbons, Oxidation, *Alcohols,
Acetates, Glycols, Separation, Chromatographic analy-
sis, Ketones, Industrial research.

It was shown, that alcohols and their acetates can be
separated from glycols and their acetates by the method
of chromatography on silica-gel. Application of the
method to the investigation of composition of the in-
dustrial alcohols, industrially produced by direct oxida-
(Engineering-Chemical, TT, v. 10, no. 11) (over)

I. Kamzolkin, V. V.
II. Bashkirov, A. N.
III. Lodzik, S. A.

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Contribution to the Problem of the Liquid-Phase
Oxidation of Paraffinic Hydrocarbons, by A. N.
Bashkirov, V. V. Kazolkin, K. M. Sokova, T. P.
Andreyeva, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXVIII,
No 1, 1958, pp 149-.

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Sci - Chem

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Synthesis of Ethanol From Carbon Dioxide and
Hydrogen, by A. H. Bashkirov, V. V. Kamsolkin,
4 pp.

RUSSIAN, par, Dok, Ak Nauk SSSR, Vol CIVIII, No 2,
1958, pp 293-296.

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The Catalytic Activity of Some Natural Siliceous Minerals and Particularly of Kieselguhr, Used as a Catalyst in the Synthesis of Hydrocarbons From Carbon Monoxide and Hydrogen, by A. N. Bashkurov, F. I. Bovak, S. M. Loktev, V. V. Kamzolkin, 6 pp.

RUSSIAN, no per, Khim i Tekh Topliva, No 3, 1956, pp 38-43, Encl to IR-1906-56, AFOIN 1A1.

AF 1068459 43, 44.6

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In the Role of Oxygen-Containing Compounds in the
Synthesis of Hydrocarbons From Carbon Monoxide and
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Kamszolkina, A. N. Bashkyrov, 28 pp.

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No 12, 1958, pp 213-227. 9097053

AEC NP Tr-832

Sci - Chem
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The Activation of Fused Iron Fischer-Tropsch Catalysts Under the Influence of the Reaction Mixture, by Yu. B. Kagan, A. N. Bushkirov, E. V. Kamzolkina, et al, 7 pp.

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Reaction Kinetics of Carbon Monoxide in the Presence
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Optical and Spectral Properties of Rare Earth Oxides in Organic Glass, II. Absorption Spectra of Trivalent Rare Earth Ions, by Kan Fa-hsi and Ching Chung-hung, et al, CHINESE, rev. Kjo Hsunh T'ung Pao, No 12, 1963, pp 4144. 41-42
*FTD-HT-67-220

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Measurement at Low Temperatures and High Pressures.
II. Superconductivity of Sn and In Under Uniform
Compression at a Pressure of 1730 Kg/Cm^2 ,
by B. Lazarev, L. Kan.
RUSSIAN, par, *Zhurn. Eksper. i Teoret. Fiz.*, Vol XIV,
1944, pp 463-473.
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Kan, A. and Kosyakin, A.
RECLAIMING SPENT LUBRICATING OIL. [1961] 6p.
Order from OTS or SLA \$1.10 61-18062

L. Kan, A.
H. Kosyakin, A.

Condensed trans. of [Avtomobil'nyi Transport] (USSR)
1941 [v. 19] no. 2, p. 15-17.

DESCRIPTORS: *Lubrication, *Oils, Recovery, Ve-
hicles.

Some equipment used for reclaiming automobile oils is
described. One apparatus is a batch unit and the other,
a continuously operating unit. The amount of usable
oil reclaimed is 50% or higher. (Author)

(Materials--Lubricants, TT, v. 6, no. 8)

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Spectrophotometry of Biuret Complexes as a Method of
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JPRS 14818

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