

*H.A. Fink*

Pack Order, by H.A. Fink, 8 pp.  
GERMAN, per. Truppendienst, Vol 10, No 4,  
Aug 1971, pp 317-319.  
ACSI-R-3042  
FSTC-WT-23-1453-72

Apr 72

Fink, H.

Studies on the Relationship Between Structure and  
Properties of Colored Photochromic Polyelectrolytes.  
PLASTE UND KAUSCHUK, Vol 18, pp 645-650, 1971.  
ITC-72-14733-07C

Feb 73

Contributions to the Chemistry of the Si-N  
Bond. Part 13. The Thermolyses of Tri-  
Anilinosilanes, by W. Fink.  
GERMAN, per, Helvetica Chimica Acta, Vol  
51, No 4, 1968, pp 974-978.  
NTC 69-11259-07C

W. FINK

Sci-Chem  
July 69

387,017

*W. F. Finks*  
On the Simulation of Body Swelling of Earthenware  
in the Autoclave, by W. Finks.  
GERMAN, per, Silikattechnik, Vol 20, No 8, 1969,  
pp 257-261.  
HTC-71-11213-11B

Nov 71

Measurement of the Adhesive Strength of Coating Films  
to Metallic Substrates, by U. Zorll, W. Finke.      75  
GERMAN, per, Mitt DFB, Vol 20, Jan 1960,  
pp 13-17.  
BISI 7532

Sci-Mat  
Jul 70

W. FINKE

75  
The Use of Ferro-Transistor Components for  
Digital Programmed Machine Control by  
A. I. Finkel, 4 pp.  
RUSSIAN, per, Avtomatika i Priborostroyeniye,  
No 3, 1965, pp 37-39.  
ACSI J-0371  
ID 2204038666

Sci-Elect  
Aug 66

*A. I. Finkel*

307,377

577  
A Ferro-Transistor Program Time-Delay Relay, by  
A. I. Finkel<sup>1</sup>, 5 pp.  
RUSSIAN, per. Pribory i Sistemy Uprevoeniya, No 1,  
1967, pp 53-54.  
AFN/ENIC/IT-23-369-69

A. I. FINKEL

Sci/Elect  
Nov 69

396,854

Determining Profitability of Sales and Supply  
Organizations, by S. M. Finkel', 7 pp.  
RUSSIAN, per, Material'no-Tekhnicheskoye  
Snabzheniye, No 5, 1967, pp. 67-70.  
JPRS 41811

S. M. FINKEL'

USSR  
Econ  
Aug 67

332,607



mission of Sonic and Ultrasonic Pulses at the  
Rise of Cracks in Steel, by V. M. Finkel', et al  
10 pp.

RUSSIAN, per, Fizika Metallov i Metallovedeniya,  
Vol 25, No 3, 1968, pp 543-548.

FTD S-623

June 69

383,027

*V. M. Finkel'*

87  
Conference on the physics and sciences of the  
Strength and Failure of Metals, by V. M. Finkel.\*  
RUSSIAN, ser. stalovedeniye i ferrichgornaya  
obrabotka metallov, no 3, 1968, pp 76-79.  
\*ITD-4-23-312-68

Sci-Stat  
Sep 68

V. M. Finkel

The Kinetics of Disintegration Under Shock Heating,  
by V. M. Finkel',  
RUSSIAN, per. Dok. Ak. Nauk SSSR, Vol 188, No 3,  
1969, pp 567-570.  
Am. Inst. of Phys.  
Vol 1A, No 9, 1970

*V. M. Finkel*

Apr 70

406,728

717  
Some Methods of Investigating the Influence of  
the Composition of Nonmetallic Inclusions Upon  
the Strength of Steel, by V. M. Finkel', et al.  
RUSSIAN, per, Izv VUZ Chern Met, Vol 12, No 8,  
1969, pp 120-123.  
HB 8071

Sci-Mat  
June 70

V. M. Finkel'

*Ye. Ye. Finkel'*

*Radiation Chemistry and cable technology. 341 pp.*  
*RUSSIAN, Radiatsionnaya Khimiya i Kabel'naya Tekhnika,*  
*1968, pp 1-312*  
*AIR/FTD-MT-24-1916-71*

*jan 73*

Principles of the structural and Chemical  
Thermostabilization of Crystallizing Cross-Linked  
Polymers, by R.P. Brazinskii, Ye. Ye. Finkel.  
RUSSIAN, Izv. Akad. Nauk SSSR, Vol 180, No 3,  
May, 1968, pp.632-634.

CB

*Ye. Ye. Finkel*

Jan 69

373-327

(UCRL-Trans-10569) SPECTRAL ENERGY DISTRIBUTION OF THE RADIATION OF HIGH CURRENT ARCS (STUDIES OF HIGH CURRENT CARBON ARCS. VI). Finkelnburg, W.; Schluge, H. Translated for Univ. of California, Lawrence Livermore Lab., Livermore, from Z. Phys.: 119: 206-22 (1942). 19p.

physics; translations

ND-34 P RC

Unlimited

A. V. FINKEL'SKI

The Electrochemical Treatment of Catalytic Hydro-  
Genation of Organic Compounds on Metal Catalysts  
in Electrolyte Solutions, by A. V. Finkel'ski.  
RUSSIAN, per, Dok Ak Nauk SSSR, Phys Chem, Vol. 200,  
No 2, Sept 1971, pp 398-401.  
CB

May 72



Solvatochromic Effect and Activation Energy of  
Catalytic Hydrogenation of Some Aliphatic-Aromatic  
Nitrosamines, by A. V. Finkel'shtein, V. V. Ivanov.  
RUSSIAN, per, Dok Ak Nauk SSSR, Vol 181, No 1,  
July, 1968, pp 155-157.  
CB

A.V. FINKEL'SHTEIN

Mar 69

377,996

731  
Certain Regularities of the Catalytic Hydrogenation  
of Nitrobenzene Derivatives on Raney Nickel, by  
A. V. Finkel'shteyn, Z. M. Kus'mina. 7 pp.  
RUSSIAN, per, Trody Sibirskiy Tekhnologicheskij  
Inst, No 38, 1966, pp 62-67.  
AIR/FTD/HT-23-609-69

*A. V. Finkel'shteyn*

Sci-Phys  
June 70

Industrial Application of Epoxy Paint and Varnish  
Materials, by M. I. Finkel'shteyn, 103 pp.  
RUSSIAN, bk, Prumyshennoe Primenenie Epoksidnykh  
Lakokrachuykh Materialov, Moscow, 1969.  
ARM/FBTC/HT-23-070-71

M. I. FINKEL'shteyn

June 71

Investigation of Technological Lubricants Based  
on Salt Mixtures for Hot Rolling of Tubes, by  
G.A. Rodionova, Ya.S. Finkel'shteyn, et al.  
21 pp.

RUSSIAN, per. Ak Nauk SSSR, Institut Fizicheskoy  
Khimii, Fiziko-Khimicheskiye Zakonomernosti  
Deystviya Sessok Pri Obrabotke Metalloy iav-  
leniya, 1965, pp 124-135. FI00030566  
FD-65-118

132

Ya. S. FINKEL'SHTEYN

Sci/Physics  
Oct 66

307,492

Effect of High Quenching Rates on the Kinetics  
of Martensitic Structures, by U. Pöschel and H. Wüthrich,  
GEBIEN, per. Arch. Eisenh., Vol. 30, Aug. 1950,  
pp 617-622  
BIBI 71A1

*H. Finkler*

Sci/Inst  
Mar 70

404,009

27  
Teacher's problems in civic education dismissed,  
by Daniel Fikus, 11 pp.  
POLISH, per. Polityka, No 26, 29 June 1968, p 5.  
JPRS 46341

Marolani  
ctuo  
Sep 68

DANIEL FIKUS

365.721P

60  
Increase in Fatigue Strength of High-Strength  
Alloy Structural Steels by Salt-Bath Nitriding  
in Relation to Core Strength and Nitriding  
Time, by B. Finnen, H. Krzyminski.  
GERMAN, see, Met.-Tech. Mitt., Vol 22,  
Jul 1967, pp 173-177.  
BISI 5911

*B. Finnen*

Sci-Mat  
Jan 69

370.753

73

Testing of Bath-Nitrided Parts,  
by B. Finners.  
GERMAN, per, Harterei-Techn. Mitt., Vol 20,  
Apr 1965, pp 50-57.  
BISI 4721

*B. Finners*

Sci-M&M  
Jul 66

303,881



Changes in Properties of Structural Components  
by Salt-bath Nitroding (Tenifer Process), by  
B. Finnern.  
GERMAN, per, Metalloberfläche, Vol 22, 1968,  
pp 330-335.  
ILL Ref: 9022.401 (746/70)

Sci-Chem  
Oct 69

395,185

*M. Finsson*

Angina Pectoris: A Clinical Evaluation  
of Prophylactics in Out-Patient Treat-  
ment, by M. Finsson.  
SWEDISH, per, Lakartidningen, Vol 66,  
1969, pp 5137-5145  
NTC 72-11428-06E

June 72

*A. M. Pinoganov*

*Clothing of the astronauts and personal hygiene*  
*RUSSIAN, par. Osnovy kosmicheskoy biologii i meditsiny.*  
*1972, 66 pp. Vol 32, Part 2, Chapt 4*  
*\*NASA TT F 14,532*

*aug 72*

17  
The VIII CONGRESS, by Gianni Finocchiaro,  
2 pp.  
ITALIA, per. Lavoro Operario, No 5, May 1966,  
pp. 22-26.  
JFAT 33192

*Gianni Finocchiaro*

JF-Italy  
Jol  
Nov 66

313,782

Plans for Soviet Power Construction in 1971-1975. *MS*  
by Ya. Finogenov. 6 pp.  
ENSIAN, no. Stroitel'naya Cheta, 18 Aug 1968,  
p 2.  
JPRS 46379

*YA. FINOGENOV*

Sci-Tech Engr  
Sep 68

367,141

*U Finsterer*  
Investigations About Blood Volume Depending  
on Age, by U. Finsterer.  
GERMAN, per, Anaesthesist, Vol. 19, No. 5, 1971,  
pp 185-186.  
HTC-71-10835-06B

Nov 71

Expansion of Modern Trade Methods to Villages,  
by Vasile Fintea and Lazar Camer, 6 pp.  
RUMANIAN, per. Viata Economica, Vol 5, No 31,  
4 Aug 1967, p. 7.  
JPRS 42423

*VASILE FINTEA*

EE-Romania  
Econ  
Sept 67

377,943

23  
Rumanian Party Journal Calls European Security  
"An Urgent Demand of International Life", by  
Ion Fintinaru, 20 pp.  
RUMANIAN, per, Lupta de Clasa, Sept 1966,  
pp. 76-99.  
JPRS 33337

*Ion Fintinaru*

EE-Rumania  
Pol  
Nov 66

313,949



Ionisation Method for Determining the Flame  
Front Propagation Rate in a Tube Open at One  
End, by N. N. Kovalevskii, A. P. Kirgoulin.  
RUSSIAN, per, Novye Itogi Nauchnogo Ispytaniya  
i Tekhnicheskogo Progreza, 1965-70, Seriya  
1965, pp 175-177.  
Dept of Navy APL/JTU T-2192

*[Handwritten signature]*

Sci  
Dec 68

308,660

A. P. Finyagin

N. I. Barinov

The influence of air pressure on the burning of solid  
fuel. 7 pp.

RUSSIAN, rpt, Novyye metody szhiganiya topliva i voprosy  
teorii goreniya, 1969, pp 20-24

AIR/FTD-MT-24-2065-71

July 72

Writer Sites Postwar Record of PCI Failures,  
by Enrico Fina, 18 pp.  
ITALIAN, per, Corrispondenza Socialista,  
Rome, Oct 1969, pp 432-442.  
JPRS 49643

*Enrico Fina*

US-Italy  
rol  
Jan 70

399,503

An outline of the Problem of Environmental  
Carcinogenesis, by L. Fiore-Donati.

ITALIA, per, Tumori, Vol 54, No 1, 1968.

pp 7-14.

new RIA

10-30-68

L. FIORE-DONATI

Vol-8 and 8

Jan 69

371.751

Questions and Proposals for the PCCI Congress,  
by Dino Fiorello, 7 pp.  
ITALIAN, per, Laovsinistra, No 2, 1 July  
1966, pp. 3-5.  
JPRS 37070

Dino Fiorello

WS-Italy  
Pol  
Sept 66

310,037

60  
Action of Procarbazine in the Malignant  
Lymphomas, by M. Fiorentino.

FRANCA, per, Pross Med, Vol 76, No 21,  
1968, p 992.

MIL-NEW

7-7-68

M. FIORENTINO

Sci-IBM  
Sept 68

365,946

On the Performance of a Ram Rocket with  
Supersonic Combustion, by  
Vittorio Fiorini.  
ITALIAN, per, Revista di Ingegneria,  
No 1, 1968, pp 8-16.  
Dept of Navy APL/JHU T-2262

Sci-Space Tech  
June 69

303,158

*E. Fiorio*

**Clinical Evaluation of an Oral Antidiabetic  
Consisting of a Sulfonylurea and Biguanide  
Combination, by C. Fiorio.  
ITALIAN, per, Minerva Medica, Vol 55, 1964.  
pp 1274-1277.  
NTC-70-13141-060**

Feb 72



A Study of the Anodic Processes Occurring During  
the Electrolysis of a Mixture of Sulphuric and  
Acetic Acids. Part II - The Effect of the  
Composition of the Solution on the Ratio of the  
Components in the Mixture of Anodic Gases, by  
M. Ya. Fioshin, et al.  
RUSSIAN, per, Vysokhaya Ucheb. Seriya, Vol. 3,  
No 4, 1960, pp 637-641.  
O. A. Trans. 10b8

*M. Ya. Fioshin*  
sci/tech  
feb 71

Industrial Electrolysis of Organic Compounds,  
by M. Ya. Fioshin, A. P. Tomilov.

FOR OFFICIAL USE ONLY

RUSSIAN, per, Uspekhi Elektrokhimii Organicheskikh  
Soyedineniy, 1966, pp 256-277.

NSA-11-23-258-68

R200232610-7

M. YA. FIOSHIN

Sci/Chem  
Oct 68

367,684

*H. J. von Fircks*

Deformation-Temperature-Transformation Dia-  
grams of Austenitic Low Carbon Chromium Nickel  
Steels, by H. J. von Fircks,  
GERMAN, per. Neue Hutte, 1970, pp 300-301.  
BISI 9005

Jul 71

Investigations with Radioactive Isotopes of the  
Solidification Front and of the Depth of the  
Liquid Metal Phase in an Electroslag Furnace,  
by H. Firganek,  
POLISH, per. Prace Inst. Hutn., Vol 21, No 3,  
1969, pp 141-149.  
BISI 8810

*H. Firganek*

Jun 71

*V. V. Firger*

Effect of Mineral Nutrition on the  
Metabolism of Carbon-14- Compounds and  
on Gas Resistance of Forage Grasses,  
by V. V. Firger.

RUSSIAN, per, Perm. Gosudarstvennyi  
Universitet, Uchebno Issled. No 222,  
1969, pp 85-97.  
NTC 72-10001-06F (p. 69-81)

Apr 72

47

Irradiation and Protection of Synchronous  
Cultures of HeLa Cells, by H. Firket, P.  
Mathieu, 12 pp.  
FRENCH, per, International Journal of Radiat  
Biology, Vol 11, 1966, pp 247-253. F111111111111  
AEO IA Tr-67-22

H. Firket

336,967

Sci - Biol & Med  
Sep 67

76  
Synchronism of Divisions Induced in HeLa Cells  
by an Excess of Thymidine. Study of Eventual  
Disturbances of the Cellular Cycle, by H. Firket,  
P. Mahieu, 18 pp.  
FRANCK, par, Experimental Cell Research, Vol 43,  
1967, pp 11-22. P9112557  
ARC LA Tr-67-5T

H. Firket

331,183

Sci - Biol & Med  
Jul 67

Statistical Identification of a Human-  
Operator Model in Control Systems Sub-  
ject to Random Disturbances, by  
A. P. Firla.  
POLISH, per, Pomiary, Automatyka, Kon-  
trola, Vol 8, No 11, 1967, pp 518-522.  
AYR/FTD/HT-23-828-68

A. Firla

Sci-Mech  
Apr 69

370,803



FINNHÄBLER R

Gn

HIGHLY ADHESIVE METALLIC BARTHAARE

VDI NACHRICHTEN FEB 72 NO 8 VOL 26 PP 1 AND 4

FSTC-HT-23-2379-72

Interpretation of Doppler Sample Measurements in 71  
Fast Critical Zero-Energy Assemblies, by  
E. A. Fischer. 101 pp.  
GERMAN, rpt. KFK-644.  
AEC-SCRFWR-669

*E. A. Fischer*

Sci-Phys  
Oct 70

C. Firoiu

Theory and Construction of Fuel Cells,  
by C. Firoiu, 24 pp.  
ROMANIAN, per. Revista de Chimie, Vol 28,  
No 4, 1971, pp 213-221.  
ACSI-R-2596  
FSTC-HF-23-2010-72

June 72

Investigations with Radioactive Isotopes of the  
Solidification Front and of the Depth of the  
Liquid Metal Phase with an Electroslag Furnace,  
by H. FirganeK, et al.  
POLISH, Proc Inst. Meta., Vol 21, No 3,  
1969, pp 141-149.  
\*BISI 8810

*H. FirganeK*

sci/met  
jan 71

7  
Recognition Form and Equipment in  
Header, by I. K. Firsov, 15 pp.  
RUSIAI, per, Ministry of Defense, No 3, 1970,  
pp 55-69.  
Dept of Navy SEC Form 30(7)(h)

I. K. Firsov

SEC USSR/M11  
July 70

L. V. Firsov

Radiocarbon Dating of Terraces of the  
Upper OB Region (Altai Piedmont Plain),  
by L. V. Firsov.  
RUSSIAN, per, Dok Ak Nauk SSSR, Earth Sci.,  
Vol 196, No 1, 1971, pp 180-182.  
AGI

Feb 72

"Quaternary" Glauconite of Cretaceous Age From the  
Lower Yenisei, by L. V. Firsov.  
RUSSIAN, per, Dok Ak Nauk SSSR, Vol 183, No 4, 1968.  
pp 914-917.

ACI

L.V. FIRSOV

Sept 69

591,457

1  
ways Proposed to Lower Kazakh Electric Costs,  
by I. Gandoilov, M. Firsov, 6 pp.  
RUSSIAN, per. Magazine Ekonomika  
Kazakhstan, Alm-Ata, No 10, 1968, pp 50-56.  
JPRS 67,175

*M. Firsov*

USSR  
Econ  
Jan 69

372,472



Management Methods and Incentives, by W.  
Fisov, 9 pp.  
RUSSIAN, per, Sotsialisticheskij Trud, No 10,  
1967, pp 33-35.  
JPRS 43777

USSR  
Econ  
Jan 68

347,005

78  
The above information was obtained from a copy of  
a letter, by Y. P. Gurova, et al.  
dated, per, iz [illegible] [illegible], [illegible], [illegible],  
[illegible], 5-15.

J. Gurova  
5730 Clairmont Mesa Blvd.  
San Diego, California 92117

*Gurova, J. P.*

Fci - Phys  
[illegible]

303,303

H Fischbach

Isotope Exchange Measurements in Silicon Interchange.  
Part II. Self-Diffusion of Alkali and Alkaline Earths  
Ions in Natural Chabuzite, by H. Fischbach.  
GERMAN, per, Sonderdruck aus Radiochimica Acta, No 11,  
1969, pp 143-145.  
\*WFIS TT 72-53060

July 72

54

The Application of the Warburg-Technique to  
Study of Corrosion of Nickel in Oxygen-  
Bearing Aqueous Hydrochloric Acids, by  
W. Friedmann and K. Fischbeck.  
CHEMIE, per, Werkstoffe und Korrosion,  
Vol 18, 1967, pp 883-888.  
ML Ref: 9022.4 (67/364)

K. FISCHBECK

Sci-Chemistry  
July 68

30, 115

119  
On the Calculation of the Pressure Distribution  
in Incompressible Flow Around Airfoils Given  
by Aerodynamic Parameters, by W. Fischeher.  
GERMAN, rpt, DLB-FB-68-79: DWL-811, 42 pp.  
NASA TT F-12, 329

*W. Fischeher*

Sci-Phys  
Oct 69

303, 378

**D. FISCHER**

**Investigation of Friction Processes Using  
Exoelectron Emission.**

**ZEITSCHRIFT FUER METALLKUNDE, Vol. 62, pp 543-548,  
1971.**

**NTC 73-10082-11F**

**Mar 73**

*Dieter Fischer*

Investigation of Frictional Processes by Means  
of Excitron Emission, Dieter Fischer, 65 pp  
GERMAN rpt, Berlin Tech, July, 1970, DTIC  
NASA TT F 14,044

DOC 72

Efficient Arrangement and Technique for Combined  
Installation Systems for Lighting and Air Con-  
ditioning, by D. Fischer.  
GERMAN, per, Elektrizitat, No 11, 1968, pp 301-  
311.  
O.S. Trans 381

Sci-Elec  
Jul 70

D. FISCHER



*D. Fischer*

**Biprism Interferences With Slow  
Electrons, by D. Fischer.  
FRENCH, per, Zeitschrift fuer Physik,  
Vol 205, 1967, pp 458-464  
NTC 72-11591-20F**

**June 72**

FISCHER, E. Three-dimensional stabilization of charge-carriers in a quadrupole field.  
Z.Phys. 156:1-26 (1959)

(CSIRO/No. 950)