

Theory of Ionization in Columns, [Part] II., by
G. Jaffe, 35 pp. AEC 1/25

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pp 977-1008.

NP
AEC Tr 277

Sci - Phys

Oct 59

98,905

Theory of Ionization in Columns, [Part]¹ by
I. G. Jaffe, 50 pp.

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NP
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Sci - Phys

Oct 59

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CIA/FDD/X-1723

Scientific - Chemistry

Jul 55 CTS

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**Carcinogenic Action Of Cigaret Tar and of Chino,
R. Jaffe and W. Jaffe, 7p.
SPANISH, par, Revista de Medicina y Asistencia
Social, 1946, vol. 11, pp. 307-310.
E-1-2455 b**

R. Jaffe

B/M
Aug 66

306,588

Experimental Biological Studies on the Nutritive
Value of Sesame Cake Meal, by Werner Jaffe.

SPANISH

USDA per
NC State College

Jun 59

Nutritive Value of Sesame. II Mutual Comple--
mentation of Corn and Sesame Proteins, by
Werner Jaffe,

SPANISH

USDA per
NC State College

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The Enrichment of Heavy Water by Fractional Distillation, by W. Ehrenberg, H. Jaffke, 5 pp.

~~GERMAN~~
German, par, Zeitschrift fur angewandte Physik, Vol V, No 10, 1953, pp 375-376.

S.L.A. Tr 43/1956

Scientific - Physics

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A Metallic Compound of Lithium and Armonia.
Electric Conductivity and Galvanomagnetic Effect,
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Full translation.

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AEC Tr 1740

L.A. 229

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Scientific - Physics Dec 53 CTS/DEX

Various Types of Changes Suffered by Pure
Substances, by J. Jaffray.
FRESCH, per, Annales de Physique, Vol. 3, 1948,
pp 128
CSIRO/No. 7001

J JAFFRAY

Sci -
Aug 67

335-734

The Study of Littoral Drift Using Radioactive Tracers, by P. Jaffry, R. Hours.

FRENCH, par, Cahiers Oceanographiques, 1959, pp 475-498 + 10 plates, Call No 339696.

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Sci - Geophys
Oct 59

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62-32334

Jeffray, Jean.

THE INVESTIGATION OF HIGHER ORDER TRANSFORMATIONS BY THERMAL ANALYSIS, tr. by George R. Loehr. Mar 61 [29]p. Technical notes PRL-TN-38; AD-255 669.

Order from OTS or SLA \$2.60

62-32334

Trans. of Centre National de la Recherche Scientifique, Paris. Journal des Recherches (France) 1947 [v. 1] p. 153-163.

DESCRIPTORS: *Thermodynamics, Temperature, *Transformations, Specific heat, Transition temperature, Cooling, *Chromium compounds, Oxides, *Copper compounds, Sulfates, *Sodium compounds, Ammonium radicals, *Beryllium compounds, Nitrates, Nitrites, Acetates.

In higher order transformations, latent heat is not involved; instead, specific heat increases with acceleration. (Physics--Thermodynamics, TT, v. 9, no. 3) (over)

- I. Jeffray, J.
- II. PRL-TN-38
- III. Feltman Research Labs.,
Picatinny Arsenal,
Dover, N. J.
- IV. AD-255 669

C227598

Office of Technical Services

(DC-5903)

Speech by Comrade N. Jagbaral, Representing
Selenge Aymak, at the XIV Congress of the
MPRP, 24 pp.

MONGOLIAN, np, Unen, 7 Jul 1961, pp 4, 5.

JPRS 11891

Asia - Mongolia
Pol
Jan 62

(NY-6238)

Developing Animal Husbandry and Improving Agricultural Leadership in Mongolia, by N. Jagbaral
52 pp.

MONGOLIAN, per, Sotsialist Khodco Aj Akhul, No 5,
29 Jan 1961, pp 4-8.

JPRS 9650

FE - Mongolia

Econ

Aug 61

162,240

Jagdt, Reinhard.
INVESTIGATIONS OF RELAXATION PHENOMENA
IN ALKALI-SILICATE GLASSES (Untersuchungen
von Relaxationserscheinungen an Alkali-Silikat-
Gläsern). Extract from thesis, Friedrich Schiller U.,
1958. [1961] [30]p. 27 refs.
Order from S.L.A. ml\$2.60, ph\$4.80

61-10696

Trans. of Glastechnische Berichte (West Germany)
1960, v. 33, no. 1, p. 10-19.

Measurements are made of the temperature depend-
ence of the internal friction and of the elastic modulus
of alkali-silicate glasses at temperatures between
-180°C. and the point of transformation. The simple
alkali silicates show two pronounced maxima of
damping, whereas the mixed alkali silicates show
only one clear maximum, which, however, is
enormously raised. Level and temperature position
of the maxima depend on the alkali content. The
course of the elastic modulus is likewise determined
by the alkali concentration of the glasses.
(Materials--Ceramics, TT, v. 3, no. 9)

61-10696

1. Glass--Temperature factors
 2. Glass--Viscosity
 3. Glass--Internal friction
- I. Jagdt, R.
 - II. Friedrich Schiller U.
(East Germany)

Office of Technical Services

(NY-4736)

Agricultural Investments, by Mieczyslaw Jagelski.
9 pp.

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JPRS 7422

Khur - Poland

Econ

136,968

Jan 61

On the Ketones of Low-Temperature Tar from Hard
Coals, by Alfred Jager, Gunter Kattwinkel, 3 p.

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1956, Vol IX, No 7, pp 447-450.

SLA 59-20057

Sci
Mar 60
Vol 2, No 11

RESEARCH REPORTS ON CHEMISTRY AND PHYSICS

Vessels, by F. Jager, 8 pp. FOR OFFICIAL USE ONLY
GERMAN, per, die Technik, Vol. XIX, No 12, 1964,
pp 791-794. 960079
FSTC 881-764-192

Oct - Misc
Jun 68

279,658

From Multiple Chamber

A 200 kW Electron Beam Furnace
Furnace, by M. von Ardenne, G. Jager.

GERMAN, per, Neue Hutte, Vol VIII,
No 1, 1963, pp 2-5.

BISI 3239

Sci - Electron
Nov 63

241, 684

Jaeger, F. M.
**EXACT DETERMINATION OF SURFACE TENSION,
SPECIFIC GRAVITY, AND ELECTRICAL CONDUCT-
TIVITY OF LIQUIDS AT VERY HIGH TEMPERA-
TURES. [1963] 32p (figs omitted) 8refs**
Order from SLA \$3.60 **TT-64-10121**

Trans. of Rev[ue] Gén[érale des] Sciences Pures et
Appliquées] (France) 1919, v. 30, p. 5-17.

**DESCRIPTORS: *Liquids, *Electrical conductance,
Density, Surface tension, High temperature research,
*Electrolytes, *Silicates, Measuring devices
(Electrical and electronic).**

(Chemistry--Physical, TT, v. 11, no. 5)

TT-64-10121

I. Jaeger, F. M.

Office of Technical Services

A Magnetic Mass Separator With a Small Magnetic
Field Volume, by A von Ardenne, G. Jager, et
al.

GERMAN, *pat*, Kernenergie, Vol. 111, No 12,
1960, pp 1177-1191.

ALERE, Hazewell.
Tr-X63K1680

Sci - Eng
Rep 62

211, 525

The Cyclone Type Separator With Circulating ~~Media~~ ^{Media}
H. Jager.

GERMAN, pow., Zement-Kalk-Gips, No 11, 1962, pp 479-85.

CSIRO/No 6257

Sci - Engr
Oct 63

241,434

63-16278

Jager, Herbert.

QUANTITATIVE DETERMINATION OF ALLICIN IN
FRESH GARLIC. [1963] 6p. (figs. omitted) 10 refs.
Order from SLA \$1.10 63-16278

1. Title: Allicin
2. Title: Garlic
1. Jager, H.

Trans. of Archiv der Pharmazie (West Germany) 1955,
v. 288, no. 3, p. 145-148.

DESCRIPTORS: *Quantitative analysis, Plants (Botany),
Colorimetric analysis, Drugs, *Biological products.

In order to determine the total sulfur content in fresh
garlic, the fresh drug must be treated with concentrated
nitric acid, in order to avoid losses of volatile sulfur
compounds. Only then is the previously oxidized drug
decomposed with sodium nitrate. Furthermore, a
determination of the Allicin or Alliin in fresh garlic is
given, in which the pyrroacemic acid formed in
stoichiometric amounts during the enzymatic decomposit
(Biological Sciences--Pharmacology, TT, v. 10, no. 9)
(over)

Office of Technical Services

The Influence of High Tension Plants on Long Distance
Lines, by J. Jager, 59 pp.

GERMAN, per, Elektrotech Z, Vol XIV, 1 May 1924,
pp 417-428.

SLA 57-1554

Sci
May 58

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Quantitative Determination of Alloy Elements in
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Oct 1957, pp 633-639.

Co-op Tr Sch Tr 298 797

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Sci - Physics
Apr 58

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Colloid Chemistry and Histochemistry in the Problem
of Lung Damage From Aluminium Powder, by R. Jager,
F. Jager, 2 pp.

GERMAN, per, Arch Gewerbepath u Gewerbehyg, Vol
XI, 1941, pp 117-130.

SIA Tr 2351

Sci - Medicine; Chemistry 52,940
Sep 57

Colloid Chemistry and Histochemistry in the Problem
of Lung Damage From Aluminium Powder, by R. Jager,
F. Jager, 2 pp.

GERMAN, per, Arch Gewerbepath u Gewerbehyg, Vol
XI, 1941, pp 117-130.

SLA Tr 2351

Sci - Medicine; Chemistry 52,940
Sep 57

Electrical Determination of Soil Compacting
Under Agricultural Machinery, by H. Jager.

GERMAN, per, Landtechnische Forschung,
Vol VII, No 6, 1957, pp 168-172.

CSIRO 3931

Sci - Engr
Aug 62

211, 341

Investigations on Finger-jointed Planks After Many
Years of Sub. Behavior Under Pulsating Tensile Stress,
by K. Egnor, P. Jagfeld.
GERMAN, par, Holz Als Bau - und Werkstoff, Vol 22, No 3,
1964, pp 107-113.
(MSC/Mar: C-4965)

P. JAG FELD

Sol -
Sept 67

339,973

**Investigation on Finger-Jointed Planks
After Many Years of Use: Behaviour Under
Pulling Tensile Stress, by Karl Eger,
Peter Jagfeld.**

**CONSTR. REC, Beitrag zur Holz- und Werkstoff
Vol XLII, No 3, 1964, pp 107-113.
REC C-4965**

Peter Jagfeld

Apr 67

323,012

Intrinsic Hall Effect of InSb, by G. Busch, R. Jaggi, and R. Kern, 1 pp.

~~GERMAN~~^{F&O}, Helv. Phys. Acta, Vol XXVIII, 1955,
p 452-453.

SLA 3262

Sci

Jul 58

68,721

On Analogies Between the Action of Colloidal Silicic Acid and the Reactions of Immune Bodies and Related Substances, by K. Landsteiner, M. Jagic, 4 pp.

GERMAN, per, Wien Klin Wochschr, Vol XVII, No 3, Jan 1904, pp 63, 64.

SLA Tr 2562

Sci - Chemistry
Oct 57

54, 120

EVALUATION OF RESEARCH WORK IN AGRICULTURE, BY
M. Jagielski, 12 pp.

POLISH, per, Nowe Rolnictwo, Vol. XI, No 9:
May 1962, pp 2-6.

JPRS 15640

EUR - Poland
Icon
Oct 62

215, 715

(NY-6430)

The State Farms During 1960/61 and Their
Objectives for 1961/62, by M. Jegielski,
9 pp.

POLISH, per, » Nowe Rolaictwo, Vol X,
No 21, Nov 1961, pp 4-6.

JPRS 13364

EWur - Poland
Eccm
Apr 62

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Knotty Problems in Agriculture, by Mieczyslaw Jagielaki.

POLISH, per, Nowe Rolnictwo, Vol XI, No 3,
1 Feb 1962, pp 1-6.

FID Sum 3547

EEur - Poland
Econ
May 62

196, 355

(NY-6430)

Agriculture in the First Year of the Present
Five-Year Plan, by Mieczyslaw Jagielski,
16 pp.

POLISH, per, Nowe Drogi, No 12, 1961,
pp 65-75.

JPRS 12811

Klar - Poland
Econ
Mar 62

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(NY-6430)

THE ROLE OF THE STATE MACHINE STATIONS IN 1961-
1965, BY M. JAGIELSKI, 12 PP.

POLISH, PER, NOWE ROLNICTWO, VOL X, NO 14, 1961,
~~RRX~~APP 3-8.

JPRS 12948

EEUR - POLAND
ECON
MAR 62

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Changes in 1970 and 1971
Agriculture], by Mieczyslaw Jagielski. (Wk
Soc Sci Res, 1971, 1, 3)

PLANNING, per, Główny Biuro, No 105, Warsaw,
31 Dec 1970, pp 1, 3.

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War - Poland
Econ
Apr 79

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SECRET

(NY-3743)

The Role and Tasks of Agricultural Circles, by
Zdzislaw Jagielski, Jan Kilgert, 21 pp.

POLISH, per, Chlopska Droga, No 6, Warsaw,
20 Jan 1960, pp 3-15.

JPRS 2839

EEur - Poland

Econ

Jul 60

119,971

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The Role and Tasks of Agricultural Circles, by
Zdislaw Jagielski, Jan Kligert,

POLISH, np, Chlopska Droga, No 6, Warsaw, 20 Jan 1960,
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*JPRS

EEur - Poland

Econ - Agriculture

Mar 60

Interaction of Sodium Carbonate With
Calcium Carbonate, by R. Jagitsch,
B. Jacobson.

GEOSM, rpt., Proceedings of International
Symposium on the Reactivity of Solids,
Gothenburg, Pt. 2, 1958, pp 711-705.
EIA TT-66-10700

R. Jagitsch

Sci-Chem
Jul 66

305,515

Jagitsch, Robert.

EXAMINATION OF THE CHEMICAL COMPOSITION AND RESISTANCE OF GLASS SURFACES (Undersökning av Glasytors Kemiska Sammansättning och Resistens) (Untersuchungen über die Chemische Zusammensetzung und die Resistenz von Glasoberflächen). [1962] [22]p. (foreign text included) 12 refs. Order from SLA \$2.60 62-18117

Trans. of Glasteknisk Tidskrift (Sweden) 1956, v. 11, no. 5, p. 127-136.

DESCRIPTORS: Surfaces, *Glass, Resistance, Chemical analysis, Liquids, Continuous media, Photoengraving, Ion exchange, Porosity.

(Materials--Ceramics. TT, v. 9, no. 4)

I. Jagitsch, R.

C227703

Office of Technical Services

63-14820

Jagtach, Robert.

ON THE REACTION OF ROCK SALT WITH ROASTING GAS. [1963] 19p. (figs. omitted) 9 refs.
Order from SLA \$1.60 (63-14820)

I. Jagtach, R.
II. Hedvall, J. A.

Trans. of mono. Festkr[ift Tillagnad] J. Arvid Hedvall [Gothenburg] 1948, p. 303-318.

DESCRIPTORS: *Rock salt, *Sodium compounds, *Chlorides, *Gases, *Sulfur compounds, *Oxides, Temperature, *Reaction kinetics.

In the absence of moisture, the reaction between sodium chloride and roasting gas proceeds with the formation of sodium sulfate and chlorine at a constant linear velocity if the temperature and SO_2 concentration are maintained constant; i. e., the velocity of the process is determined by the rate of a phase-boundary process and is not retarded by the reaction products. The reaction velocity is a function of the gas composition and the temperature. (Author)

(Engineering--Chemical, TT,
v. 10, no. 4)
Office of Technical Services

Jagitsch, Robert.
ON THE REACTION OF ROCK SALT WITH ROAST-
ING GAS. [1964] 19p
Order from K-H \$11.40 K-H-1908

Trans. of mono. ~~Feetake~~ [sic] Thilman J. Arvid Haglund
[Gothenburg] 1948, p. 303-318.
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TT-63-14820 [1963] 19p.

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

TT-64-2207

I. Jagitsch, R.
H. K-H-1908
III. Krungs-Hosker Science
Library Associates,
Detroit, Mich.

1260805

Office of Technical Services

Investigations on Self Diffusion and Chemical
Change in Solid Substances Using Emanation as the
Indicator, by Robert Jagitech, 35 pp.

SWEDISH, trans, Chalmers University of Technology
Goteborg, Vol V, No 11, 1942, pp 3-47.

A.E.B.S. Harvell
Tr 539

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Sci - Chemistry, electrochemistry

Apr 56

32,923

Most Economical Operating Conditions of Plate Mills,
by A. Jaglarz. UNCL

POLISH, per, Hutnik, Vol XIX, No 5, 1952, pp 168-173.

British Iron and Steel Ind
(no number given)

Sci - Rngr
Sep 59

98,205

The Rolling Mills of the Zaporozhstal Iron Works,
by Z. Jaglars. UNCL

HUNGARIAN, bk, *Banyaszati es Kohaszati Lapok*,
Budapest, 15 Jul 1949, pp 284-293.

British Iron and Steel Ind
(no number given)

Sci - Engin
Sep 59

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Investigation of the Oxidation of Zinc and
Lead Sulfides, by P. Oprea, P. Jagodic, 14 pp.
SLOVENIAN,

RUSSIAN, per, Rudarstvo-Metalurški Zbornik,
No 4, 1963, pp 345-357.

OTS 63-11450/4
PL-480

Sci
Jun 64

260,884

Experimental Problems in The Study of Diffusion
in Polycrystals of the Systems Al-Cu and Al-Ag,
by H. Jagodzinski.

GERMAN, per, Z. Metallkde., Vol 40, 1949,
pp 296-305.

*NTIS/USDC/NBS TT 71-55055

Available NBS Only

H. JAGODZINSKI

May 71

H. Jagodzinski

The Evolution of Mg-Al Spinels Supersaturated With Al_2O_3 , by H. Balfeld, H. Jagodzinski, 20 pp.

GOVERNMENT USE ONLY

GERMAN, per, Zeitschrift für Kristallographie, No 109, 1957, pp 87-109.

AMM/STIC/ET-23-953-71

Sent 71

La détermination d'une structure intermédiaire
apparaissant lors de la décomposition d'un
spinelle Mg Al sur-saturé, en Al_2O_3 ,

by H. Jagodzinski.

GERMAN to FRENCH, per, Z fuer Kristallography,
Vol CX, No 4, 6, 1957, pp 388-409.

Reverse Translation
CEA-A-1718

Sci
Jan 65

Repartition des cations et relations de structure
dans un spinelle Mg-Al, by H. Jugoškinaki,
H. Saalfeld, 28 pp.

GERMAN to FRENCH, Z Kristallogr., Vol CX, No 3,
1958, pp 197-218.

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Reverse Translation
CEA-A-1501

Sci
Jun 64

Jägler, H.
A NEW SIZING MACHINE FOR SMALL AND MEDIUM PLANTS. [1961] 3p. (4 figs. omitted).
Order from SLA \$1.10 61-14560

Trans. of Zeitschrift für die Gesamte Textil-Industrie
(West Germany) 1955, v. 57, no. 1, p. 107-109.

DESCRIPTORS: *Textiles, *Industrial equipment,
*Textile industry, Processing.

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

61-14560

1. Title: Sizing machine
1. Jägler, H.

Office of Technical Services

(DC-3000)

Recommendation To Establish Social Welfare
Centers, by Marija Jagodic-Manic, Vera Acovic, ~~1961~~
4 pp.

CROATIAN, per, Socijalna Politika, Vol XI, No 3,
1961, pp 264-266.

UJPRS 10454

EUR - Yugoslavia
Soc

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62-12807

Jagrova, M. and Rais, J.
EFFECT OF BENZOIC ACID AS CARRIER IN
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WITH SOME DISPERSE DYES. [1962] 6p.
Order from ATS \$8.65 **ATS-84NS7C**

I. Jagrova, M.
II. Rais, J.
III. **ATS-84NS7C**
IV. Associated Technical
Services, Inc.,
East Orange, N. J.

Trans. of Textil (Spain) 1961, v. 16, no. 3,
p. 109-111.

DESCRIPTORS: *Benzoic acids, *Dyeing, Esters,
Polymers, *Fibers, Dyes.

209116

ATS-CJ-3601

(Materials--Textiles, TT, v. 7, no. 11)

Office of Technical Services

Biological Destruction of Textile Materials
and the Possibility of Protection, by
Petar Jagrovic.

FOR OFFICIAL USE ONLY

YUGOSLAVIAN, per, Zastita Materijala, Vol 6,
No 7-8, 1958, pp 323-328.

FBTC-87-23-295-68

P200248368

PETAR JAGROVIC

Sci/Mat
Oct 68

367,689

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The Influence of ~~ages~~ on the Gross Yield,
by W. Jagtenberg, T. De Boer,

GEDRAN, per, Landbouwkundig Tijdschrift,
Vol LXX, No 12, pp 879-889. 1958

C.S.I.B.O. 4431

Sci - Biol

May 60

115,917

Process for the Production of the Polymerization
Head Copolymerization Products in the Form of
Granules of Beads,, by A. Jahn, 8 p.
GMBH, pat, Patent No 888,173-
SEA TT 66-10638

A. Jahn

Sci-MIN
Jun 66

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The Measurement of Rapid Reactions in Solution
Using the Rotating Disk Electrode, by W.
Vielstich, D. Jahn, 4 pp.

GERMAN, per, Z fuer Elektrochemie, Vol LXIV,
No 1, 1960, pp 43-44.

SLA 60-18794

203, 243

Sci

Jun 62

Nautical Geography, by Kliment Velkoborsky, Josef
Cerny, Stanislav Jahn, 11 pp. UNCLASSIFIED
bk,
CZECH, ~~xxxx~~, Plavebni Zemepis, pp 118, 119, 120.

ACSI H-6501
ID 2146503

EE - Czechoslovakia
Geog
Jul 60

121,429

Behaviour of Heat-Resisting Steels During Creep
Testing at 500-700° C - Part III, by Jahn.

GERMAN, per, Arch Eisenhüttenwesen, Vol. XXVIII,
May/Jun 1957

pp 257-367
Witz. Versuchsbuch
~~Co. op. 2. Geh Tr 593~~

Sci - Engrg Min/met
Jan 58

57 725
SHA 61-16304

The Better Addition of Polymer Lattices, by
V. Stannett and E. G. John, 13 pp.

679 SWEDEN, per, Svensk Papperstida, Vol
LXXI, 1954, pp 437-440.

BLA Tr 57-1303

Sci

Jul 58

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(FDI 26826)

Casting Resins Based on Polyester Epoxides, by
H. Jahn, W. Schafer, 27 pp.

GESAM, biwo per, Plaste und Kautschuk, No 5, Berlin
Oct 1955, pp 224-230

CIA/FID U-8094

^
Klar - Germany
Sci - Physics

(COPYRIGHT)

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Structure, Properties and Application of Epoxide
Resins, by H. Jahn, 23 pp. (AF-527457).

GERMAN, par, Plaste und Kautschuk, Vol. 3, No. 3,
1956, pp 50-56. CIA 563380

AFIC F-1B-8511/V

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Sci - Chemistry
Oct 1956

Etudes au spectrometrie de masse dans l'ultravide,
by P. Jahn, J. Zehring, 12 pp.
GERMAN to FRENCH, per, Vakuum Technik, Vol X, No 5,
1961, pp 138-141.

Reverse Translation
CEA-A 1638

Dec 64

Investigation of the Technical Application
of Cylindrical Surface-Wave Antennas as
Radar Antennas, by R. Jahn, 28 pp.

ZITRUM, par, Nachrichtentechnik, Vol. 21, No 9,
1959, Berlin, pp 418-426.

USAREA 80-782/59

Sci - Electronics

Mar 60

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New Findings in the Field of Dust Extraction
by Sound, by R. Jahn.

GERMAN, per, Radex Rundschau, No 7,
1955, pp 526-631.

CSIRO

Sci - Phys
Jul 62

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Radiation-resistant Optical Glasses, by
W. Jahn.
GERMAN, per, Glastechnische Berichte, Vol
35, No 11, 1962, pp. 479-83.
NTC 69-10588-11B

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W. Jahn

Sci-Mat
July 69

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Jahn, W.
THE ABSORPTION PROPERTIES OF RADIATION-
ABSORBING GLASSES. [1961] 13p.
Order from ATS \$16.95 ATS-59N55G

Trans. of Atompraxis (West Germany) 1960, v. 6,
no. 4/5, p. 1-9.

DESCRIPTORS: *Glass, Absorption.

(Materials--Ceramics, TT, v. 7, no. 10)

62-12065

I. Jahn, W.
II. ATS-59N55G
III. Associated Technical
Services, Inc., East
Orange, N. J.

ATS - 887 - GJ

208236

Office of Technical Services

John W.
INVESTIGATIONS OF THE SHAPE OF TRANSMITTANCE CURVES OF X- AND GAMMA-IRRADIATED GLASSES. [1961] 9p.
Order from ATS \$17.85

ATS-63N353

Trans. of Zeiss Mitteilungen über Fortschritte der Technischen Optik] (West Germany) 1958, v. 1, no. 6, p. 199-211.

DESCRIPTORS: *Glass, X-ray diffraction analysis, Optical analysis, *Optical glass, *X-rays, *Gamma rays, Transmission.

(Physics--Optics, TT, v. 7, no. 4)

61-25693

I. John W.
II. ATS-63N353
III. Associated Technical Services, Inc., East Orange, N. J.

ATS-890-65

191178

Office of Technical Services

Jahn, W.
SPECIAL TYPES OF GLASS FOR USE IN ISOTOPE
AND NUCLEAR RESEARCH LABORATORIES. [1961]
12p.
Order from ATS \$23.80 ATS-62N55G

Trans. of Technische Mittellungen (West Germany)
1960, v. 53, no. 2, p. 92-98.

DESCRIPTORS: *Glass, *Nuclear physics laboratories,
Radiochemistry laboratories, Isotopes, Radioactive
isotopes, Laboratories.

(Nuclear Physics and Nuclear Chemistry, TT, v. 7,
no. 1)

61-25699

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II. ATS-62N55G
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ATS-889-65

184304

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27 pp. UNCLASSIFIED

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No 10, Pragua, Dec 1957. pp 377-391.

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THE EFFECT OF CERIUM, ARSENIC, AND ANTI-
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Order from ATS \$21. 40 ATS-64N55G

Trans. of mono. Beitrage zur Angewandten Glas-
forschung, Stuttgart, 1959, p. 304-317.

DESCRIPTORS: *Radiation effects, *Glass, Discolora-
tion, Radiation damage, *Cerium, *Arsenic,
*Antimony.

(Materials--Ceramics, TT, v. 7, no. 2)

61-25698

I. Jahn, W.
II. ATS-64N55G
III. Associated Technical
Services, Inc., East
Orange, N. J.

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25337

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TAINING THORIUM, PT. 1. [1961] 10p.
Order from ATS \$17.95 ATS-61N55G

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Germany) 1959, v. 10, no. 3, p. 82-87.

DESCRIPTORS: *Optical glass, *Radioactivity, Thorium
Glass.

- I. Jahn, W.
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ATS-888 -GJ

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scher Glaeser. Teil III. Neue Optische Glaeser auf Fluorid-
basis), 46p (foreign text included) 5refs.
Order from SLA: \$4.60 as TT-65-14461

Trans. of Glastechnische Berichte (West Germany) v34 n3
p107-20 1961.

1. Title: New ...

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NIH 7-32

Sci - Med

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73, 313

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GREENAN, per, Gluckauf, Vol CKIV, No 41/42,
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ATS-48Q73G

Trans. of Erdöl Z[schrift] (West Germany)
1961, v. 77, no. 12, p. 581-602.

DESCRIPTORS: Hydraulic accumulators, Stratigraphy,
*Oils, *Recovery, Water injection, Petroleum industry.

TT-64-12391

I. Jahna, H. O.
II. ATS-48Q73G
III. Associated Technical
Services, East Orange,
N. J.

44645

(Earth Sciences--Geology, TT, v. 11, no. 9)

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MAR/APR 1901, PP 90-92.

.PUB 18918

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MAR 62

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(NY-6245)

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EBur - Czechoslovakia

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by Karl Jahr, Kurt Fromm, 8 pp.

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JPRS 15816

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Full translation.

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Berlin, 10 Jan 1952, p 22.

ID CSUSA F-8975

MEu - Germany

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PROCESS FOR THE POLYMERIZATION OF
 α -OLEFINS. [1962] [11]p.
Order from OTS or SLA \$1.60 62-20445

- I. Title: Ziegler catalysts
- I. Jahrstorfer, M.
- II. Spaenig, H.
- III. Patent (Belgium) 605 439

Trans. of Belgian patent application 605,439, 26 June 61
(priority of German patent application B 58,446,
2 July 60) by Badische Anilin- & Soda-Fabrik AG.

DESCRIPTORS: *Polymerization, *Ethylenes,
Catalysts, Metalorganic compounds, Aluminum,
Titanium, Alcohols, Polyethylene plastics.

A process is claimed for the production of macro-
molecular polyolefins by polymerizing α -olefins, char-
acterized in that one uses as polymerization catalyst a
mixture consisting on the one hand an organic com-
pound of aluminum and on the other a reaction product
of titanium - IV chloride, and of alcohols or of phenols
(Chemistry--Organic, TT, v. 9, no. 11) (over)

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Prague, 31 Jul 1958, pp 3, 4.

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Specification, by P. Jaischi. UNCLASSIFIED

GERMAN, per, Lichttechnik, Vol IX, No 8, 1957,
p 411.

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