

62-18754

Selig, H.  
MULTIPLE-DISC CLUTCHES OPERATED ELECTRO-  
MAGNETICALLY AND WITH OIL UNDER PRESSURE  
(Elektromagnetisch und Druckölgeschaltete  
Lemellenkupplungen). [1962] [31]p. (Foreign text included).  
Order from SLA \$3.60 62-18754

I. Selig, H.

Trans. of Technische Mitteilungen (West Germany)  
1958, v. 51, no. 8, p. 356-363.

DESCRIPTORS: \*Clutches, Disks, Operation  
Electromagnetic drives, Oils, Pressure, Torque,  
Transmission.

(Machinery, Fabrications and Accessory Equipment,  
TI, v. 10, no. 7)

Office of Technical Services

Maier, Albert.  
CLUTCHES FOR MOTOR CAR GEARS (Kupplungen  
für Kraftfahrzeuggetriebe). [1962] [18]p. (foreign  
text included).

Order from SLA \$1.60

62-18753

Trans. of Technische Mitteilungen (West Germany)  
1958, v. 51, no. 8, p. 370-374.

DESCRIPTORS: \*Vehicles, \*Clutches, \*Gears, Friction,  
Lubricants.

The following have to be taken into consideration in  
designing a clutch: (1) The static and dynamic friction  
coefficient. (2) The friction behaviour during the process  
of engagement from the point of view of avoiding  
jacking or vibration. (3) Drop in the friction coefficient  
caused by mechanical smoothing. (4) Drop in the  
friction coefficient caused by changes in the lubricant.  
(Machinery--Transport, TT, v. 9, no. 8) (over)

62-18753

I. Maier, A.

Office of Technical Services

Hydraulic Bloom and Slab Shears, by A. Hertl.

GERMAN, per, Technische Mitteilungen, Vol LI, Oct 1958  
pp 513-519.

BISI 1764

Mar 64

The Steel Tube as Structural Element, by W. Jamm.

GERMAN, per, Technische Mitteilungen, Mar 1959,  
pp 89-94.

BISI 1879

Sci - Engr

Oct 60

1301693

Steels for Tubular Structures, by K. Born. UNCL  
GERMAN, per, Tech Mitt, Mar 1959, pp 109-113.

British Iron and  
Steel Ind 1350

Sci - Min/Met  
Aug 59

93, 420

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~~ Mitteilungen (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

I. Jahn, W.  
II. ATS-62N55G  
III. Associated Technical  
Services, Inc., East  
Orange, N. J.

Office of Technical Services

Künzler, H., Fierz, W., and Grimm, G. O.  
COMPARATIVE INVESTIGATION OF PLASTICS AS  
POTENTIAL BUILDING MATERIALS FOR TELE-  
PHONE SETS. [1962] 69p.  
Order from SLA \$6.60

62-14470

Trans. of PTT Technische Mitteilungen (Switzerland)  
1961 [v. 39] no. 7 [p. 217-243].

DESCRIPTORS: \*Plastics, \*Telephone receivers,  
Stability, Resistance, Elasticity.

(Materials--Plastics, TT, v. 8, no. 7)

62-14470

I. Künzler, H.  
II. Fierz, W.  
III. Grimm, G. O.

Office of Technical Services

62-16604

Moser, J. O.  
A TELEPHONE PAY STATION FOR LOCAL TRAF-  
FIC. [1962] 7p.  
Order from SLA \$1.10                      62-16604

Trans. of PTT Technische Mitteilungen (Switzerland)  
1961, v. 39 [no. 9] p. 316-319.

DESCRIPTORS: \*Telephone communication systems,  
Switzerland, Telephones.

I. Moser, J. O.

(Engineering--Electrical, TT, v. 8, no. 7)

Office of Technical Services



FLOW IN METALS AND POWER REQUIREMENTS OF  
DIFFERENT EXTRUSION TECHNIQUES, BY W. FISTER.

GERMAN, PER TECHNISCHE MITTEILUNGEN, VOL LIV,  
FEB 1961, PP 77-78.

BISI 2383

SCI - ENGR

NOV 61

172,862

Survey of the German SS State in the Communist  
East, by [unclear] and [unclear], by K. G. [unclear].  
L. Englehart.

GERMAN, Technische Mitteilungen, Vol 8, 1961,  
Feb 1961, pp 80-82.

BISI 2384

Sci - Engr

Jan 62

*190, 714*

Continuous Casting of Quality and Mass-Produced Steel.  
Problems Still to be Solved, by K. G. Speith,  
A. Bungeerth.

GERMAN, per, Technische Mitteilungen, Vol LIV,  
Feb 1961, pp 82-87.

BISI 2385

Sci - Engr

182,640

Feb 62

list 117

Continuous Casting of High Grade Steels, by  
B. Tarmann.

GERMAN, per, Technische Mitteilungen, Vol LIV,  
Feb 1961, pp 88-98.

BISI 2386

Sci - Min/Metals

Mar 62

*186, 918*

list 120

On the Production of ERW Steel Tube, by  
W. Niederstrasser.

GERMAN, per, Technische Mitteilungen, Vol LIV,  
1961, pp 448-451.

BISI 3043

Sci - M/M  
Feb 63

~~224,252~~  
224,252

A New High Intensity Mass Spectrometer for  
Measuring the Composition of the Upper Atmosphere,  
by J. Geerk.  
GERMAN, per, Technische Mitteilung, Vol LIV,  
29 Jun 1961, 8 pp.  
\*NASA TT F18857

Sci + Phys  
Apr 64

U.S. GOVERNMENT ONLY

Gear Couplings, by Von Karl Stolzie.  
GERMAN, per, Technische Mitteilungen, Vol 7,  
July 1962, pp 316-325.  
\*BISI 7173

Sci-Mat  
May 69

The Principles of Calculation of Design Data  
for Blast Furnace Stoves of Highest Blast  
Temperatures, by E. E. Hoffmann.  
GERMAN, per, Techn. Mitt. (Essen), Vol 55, No 10  
1962, pp 473-483.  
BISI 6429

sci/materials  
feb 70

401,097



Testing Methods for Resistance Spot Welds,  
by K. Havers,  
GERMAN, per, Techn. Mitt., Vol 56, May 1963,  
pp 199-205.  
BISI 4818

Sci-M&M  
Jul 66

306,812

Possibilities for the Manufacture of Age-Resistant  
Steel with Boron, by H. Meune and W. Weinreich,  
GERMAN, per, Techn Mitt, Vol 56, No 10, 1963,  
pp 396-403.  
RISI 5803

Sci-Mat  
Dec 67

348.586

Welded Steel Pipes Subjected to High Stresses, by  
W. Schmidt.  
GERMAN, per. Techn Mitt. Vol 57, Nov 1964, pp 534-  
541.  
BISI 5551

Sci-Mat  
Mar 68

349,264

by n. Schuber, G. Henschel, 25 pp.

GERMAN, <sup>RPT</sup> ~~ENG~~, Technische Mitteilungen des RF2,  
1963, pp 81-91. (Call No Given Eng Tr)

Army Map Service

EMur - Germany  
Pol  
Dec 63

243,962

Investigations on Welded Joints. Effect of Shape  
on the Fatigue Strength of Welded Joints, by  
W. Schick, 6 pp.

GERMAN, per, Tech. Mitt. Krupp, Vol II, 1934,  
pp 44-46.

S.I.A. Tr 57-170

Sci - Engineering  
May 57

47,789

Behavior of Arsenic in the Production of Iron and  
Steel and Influence of Arsenic on Properties, by  
Ed. Houdremont, H. Bennet, H. Neumeister.

GERMAN  
\*Technische Mitteilung Krupp, Forschungsberichte,  
Vol I, No 6, 1938, pp 101-119.

Butcher Tr 1126

Scientific - Min/Metals

\$13.60

12,692

Introduction of I S A Fits Into German Industry,  
by Ed. Gottsenalk, W. F. Lutze, 28 p.

GERMAN, per, Technische Mitteilungen ~~V-1000~~,  
1938, Vol VI, No 7, pp 151-166.

SLA 60-10258

Sci  
Apr 60  
Vol III, No 3

111, 981

The Influence of Hydrogen at High Pressure on  
Unalloyed Steel and the Influence of Alloying Elements  
on the Stability of Steel Towards Hydrogen at High  
Pressures, by F. K. Naumann, 49 pp.

GERMAN, par, Tech Mitt Krupp, A. Forschungsberg,  
1938, pp 207-243.

AEC IGRL-T/R-57

Sci  
Apr 60

112,927



Relationship Between Coke Charge and Composition of Flue  
Gas With Cupola Furnaces of Various Diameters, by  
H. Jungbluth, E. Bruhl.

GERMAN, per, Technische Mitteilungen Krupp, Forschungs-  
Berichte, Vol II, pp 1-4, 1939.

Brutcher Tr No 912

16,671

Scientific - Min/Metals

\$1.60

The Iron Nickel Chromium Equilibrium Diagram  
With Special Reference to The Brittle  
Component Which Occurs After Long Heat Treatment,  
by P. Schafmeister, R. Ergang, 9 p.

GERMAN, per, Technische Mitt Krupp, Forschungsberichte  
1939, Vol II, No 2, pp 5-14.

SLA 60-10219

Sci  
Apr 60  
Vol III, No 3

112,050

Interesting Cases of Residual Stresses, by  
F. Stablein.

GERMAN, per, Technische Mitteilungen Krupp,  
Forschungsberichte, Vol. II, 1939, pp 33-34.

Brutcher Tr  
No 3232

Scientific - Min/Metals    Jan 55 CTS/DEX

20,891

Manganese Carburizing Steels With Additions of Silic  
Chromium or Vanadium, by H. Schrader, F. Bruhl.

GERMAN, per, Technische Mitteilungen Krupp, ~~by~~  
~~Forschungs-Berichte~~, Vol II, No 16, 1939

Brutcher Tr No 866

16,677

Scientific - Min/Metals

\$1.50

Non-Destructive Determination of Doublings in Plates,  
by W. Jellinghaus, F. Staeblein, 7 pp.

GERMAN, per, Tech Mitt, Krupp A. Forschungsstelle, Vol IV,  
N 1941, pp 1-3.

AEC Tr 1772

Scientific - Minerals/Metals  
CTS/DEK

10,041

The Stress Corrosion of Austenitic Steels,  
by E. J. Roche. UNCL

GERMAN, por, Tech Mitt Krupp, Vol V, 1942,  
pp 1-14.

~~Rebunckin~~ British Iron and Steel Ind  
(no number given)

Sci - Min/Hot  
Sep 59

98,351

62-14474

Hinnlber, J.  
CEMENTED CARBIDES WITH SPECIAL CHEMICAL  
AND PHYSICAL PROPERTIES. [1962] 23p. 10 refs.  
Order from SLA \$2.60      62-14474

I. Hinnlber, J.

Trans. of Techn[ische] Mit[teilungen] Krupp (West  
Germany) 1954, v. 12, no. 1 [p. 5-12].

DESCRIPTORS: \*Carbides, \*Chromium compounds,  
Bonding, Chemical properties, Physical properties,  
Oxidation, Resistance, \*Nickel alloys, \*Tungsten  
alloys.

(Metallurgy--Nonferrous Metals, TT, v. 8, no. 7)

Office of Technical Services

The Sulfuric Acid Resistance of Low-Nickel,  
High Chromium Steels Containing Molybdenum  
and Copper, by W. Tofaute, H. J. Bocha.

GERMAN, per, Technische Mitteilungen, Krupp,  
Vol XII, No 3, 1954, pp 67-72.

Brutcher Tr 3731 35, 570

Sci - Minerals/Metals, Chemistry

June 1956



**Titanium, its properties and Possible Applications.**  
by G. RUDIGER, H. VAN KANN, W. KNORR, R. JORDAN, R. W. FISCHER  
**GERMAN, per, Techn Mitt Krupp, Vol XIII, No 2,**  
**1955, pp 23-47.**

SLA TR 1365 1366, 1425  
T.I.L. T. 4558 A.B.C.

Sci - Minerals/Metals

35,725

Jun 1956

Zur Messung der Wärmeleitfähigkeit Nach  
Diessel Horst, by O. Rudiger.  
GERMAN, per, Techn Mitt Krupp Band Vol XIII,  
No 3, 1955, pp 56-61.  
\*CFSTI TT 67-59052

Jun 67

Contributions to the Structure and Anisotropy  
of Cold-Rolled and Recrystallized Iron-Cobalt-  
Vanadium Alloys with a 50% Cobalt Content, by  
E. Houdremont, K. Janssen, G. Sommerkorn,  
H. Fahlenbrach, 23pp  
GERMAN, per, Technische Mitteilungen Krupp,  
Vol 15, 1957, No 1, pp 13-22  
SIA TT-64-18861

Sci - Meta  
May 67

346,697

Observations on the Direct Production of Iron,  
by E. Hedremont.

(10)  
GERMAN, per, Techn. Mitt. Krupp,  
Vol XVI, No 2, 1958, pp 24-26.

Broken Hill Prop Co Ltd  
(CRL/T 295)

Sci - Min/Mat  
Dec 61

175, 735

The Renn-Process in Comparison With Other Mineral Dressing and Metallurgical Processes, by R. Gerlach.

GERMAN, per, Technische Mitteilungen Krupp, Vol. XXV No 2, 1958, pp 27-33.

SLA 60-16792

Sci

134,759

Dec 60

<p>Faatje, D. <b>RECONSTRUCTION AND INITIAL OPERATION OF THE KRUPP-RENN PLANT AT SALZGITTER-WATEN- STEDT. [1960] [14]p. 2 refs.</b> Order from SLA \$1.60</p> <p>60-16791</p> <p>Trans. of <u>Technische Mitteilungen Krupp</u> (West Germany) [1958, v. 16, no. 2 [p. 34-38].</p> <p>DESCRIPTORS: *Metallurgy, *Industrial plants, Germany, Construction, Operation.</p> <p>(Metallurgy, TT, v. 7, no. 5)</p>	<p>60-16791</p> <p>1. Title: Krupp-Renn plant 1. Faatje, D.</p> <p>Office of Technical Services</p>
----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------	---------------------------------------------------------------------------------------------------------

Experiments in Desulfurization of Rennluppen and Their  
Subsequent Treatment in an Electric Furnace, by  
M. Wahlster, C. B. Schmidt, 7 pp.

GERMAN, per, Technische Mitteilungen Krupp, Vol XVI,  
No 2, 1958, pp 39-40.

SLA 60-16786

Sci

190, 279

Apr 62

Vol IV, No 6

Experimental Results in Production of Sponge Iron  
in the Renn-Kiln, by S. Henkel, H. Serbest,  
14 pp.

GERMAN, per, Technische Mitteilungen Krupp, Vol XVI,  
No 2, 1958, pp 41-46.

SLA 60-16790

Sci

190,278

Apr 62

Vol IV, No 6



The Release of Coke Over Gas by ~~from~~ Imported  
Hydrocarbons, by A. Steeding.

GERMAN, per, Technische Mitteilungen, Vol LI,  
No 3, 1953, pp 151-163.

N.C.B. A. 1584

Sci -  
May 63

About the Chemistry and Petrography of  
an Unusual Coal at the Cretaceous-  
Tertiary Boundary in West Punjab, by  
Marlies Teichmüller, 29 pp.

GERMAN, per, Technische Mitteilungen  
Krupp, Vol XVII, No 1, 1959, pp 41-52.

SLA 60-14220

Sci  
Vol IV, No 2  
Mar 62

188, 873

Interpretation of the Magnetic After-Effect at  
High Temperatures in Iron-Silicon Alloys (Transformer  
Sheet), by H. D. Dietze, 66 pp.

GERMAN, per, Tech Mitt Krupp, Vol XVII, No 2, 1959,  
pp 1-15.

AEC NP Tr-739

Sci - Chem  
Feb 62

182,542

Isolation of Structural Components Present in  
Nickel Rich Alloys on the Basis of Prelim-  
inary Electrolytic Investigations, by C.  
~~XXXX~~ Kischner-Gensch.

GERMAN, par, Techn Mitt Krupp, Vol XVII,  
No 3, 1959.

Broken Hill Prop Co Ltd  
(CRL/T.629)

Sci - Min/Met  
Apr 62

191,414

Mathematical Method for the Calculation of the  
Mean Internal Pressure of High-Speed Combustion  
Engines ~~EM~~ From the Pressure-Time Diagram, by  
H. Rost, 17 pp.

GERMAN, per, Tech Mitteilungen Krupp,  
Vol XVII, No 4, 1959, pp 179-183.

SLA 60-18112

Sci

196, 842

May 62

On the Metallurgy of the LD Process,  
by E. Plockinger, M. Wahlster. UNCL

GERMAN, per, Tech Mitt Krupp, No 6, 1959,  
pp 295-305; Stahl u Eisen, No 7, 1960,  
pp 407-416.

KB 4828

Sci - Min/Met  
Jun 60

117,247

Reduction Kinetics of Iron Ores by Hydrogen and  
Hydrogen + Methane Mixtures, by B. Ilchner.

GERMAN, per, Technische Mitteilungen Kupp, Vol XVII,  
No 6, 1959, pp 318-329.

HB 4307

Sci - Min/Met

Oct 60

Materials and Heat Balances With the LD  
Process, by J. Maatsch, et al. UNCL

GERMAN, per, Tech Mitt Krupp, No 12, 1959,  
pp 310-317.

EB 4808

Sci - Min/Met

Jun 60

117,248



Technology of the Reducing Atmosphere Working Place  
in the Rotary Kiln. Development of a Laboratory  
Kiln, by H. Mohlster.

Germany, par, Technische Mitteilungen <sup>Krupp</sup> ~~Verlag~~,  
Vol. XVIII, No 12, 1959, pp 830-834.

EISEN 2153

Sci - Engr

172.035

Nov 61

Krupp-Renn Process Granules and Sponge Iron as  
Coolants in the Basic Oxygen [LD] Process, by E. :  
Plockinger, K. Borowski.

GERMAN, per, Technische Mitteilungen ~~Krupp~~, Vol XVIII,  
No 1, 1960, pp 1-8.

EB 5069

Sci

*170, 130*

Sep 61

Investigation of the Formation and Precipitation  
of Decarboxylation Products, by M. Wahlster,  
E. Plockinger.

GERMAN, por, Technische Mitteilungen Krupp,  
Vol XVIII, No 2, 1960, pp 64-80.

BISI 2485

Sci - Chem

17, 144

Dec 61.

Studies of the Reducibility of Ore Pel-  
lets, by M. Wahlster.

GERMAN, per, Technische Mitteilungen  
Krupp, Vol XIX, 1961, pp 1-7.

HB 5127

Sci - Engr  
Jan 62

178,329

Magnetic Balance for the Determination of  
the Degree of Reduction of Iron Ores, by  
A. Winkelmann.

GERMAN, per, Techn Mitteilungen Krupp,  
Vol XIX, No 1, 1961, pp 32-35.

HB RE 5812

Sci-MEM  
May 63

229,844

Studies of the Reducibility of Ore Pellets. Part II,  
by M. Wahlster.

GERMAN, per, Technische Mitteilungen Krupp, Vol XIX,  
No 2, 1961, pp 7-16.

HB 5359

Sci

May 62

Effect of Sulfur Content on Amount of Top  
Crop From 6.5-Ton Bottom-Poured Rimmed  
Soft Plain-Carbon Steel Ingots, by W.  
Knorr.

GERMAN, per, Technische Mitteilungen Krupp,  
Vol XIX, No 2, 1961, pp 37-39.

HB 5271

Sci - Chem  
Dec 61

175, 022.

Desulfurisation of Basic Oxygen LD Steel  
Heats, by E. Fleckinger, M. Wahlster.

GERMAN, per, Technische Mitt Krupp,  
Vol XIX, No 2, 1961, pp 40-50.

HB 5250

Sci - Min/Met  
Jun 62

199, 399



TYPICAL FEATURES OF THE PRECAMBRIAN  
QUARTZBANDS ORES OF THE NORTHERN  
LABRADOR TROUGH IN CANADA AND THEIR ROLE  
IN THESE FORMATIONS, BY B. TSCHOEPKE.

GERMAN, PER, TECHNISCHE MITTEILUNGEN  
KRUPP, VOL XIX, NO 2, 1958, PP 73-77.

BISI 2396

SCI - MIN/METALS

NOV 61

178,266

Behaviour of the Free Gas Jet in Air, by  
J. Mastsch.

GERMAN, per, Technische Mitteilungen Krupp,  
Mar 1961, pp 17-31.

BISI 2179

Sci - Phys

Jun 61

154,828

EFFECT OF FURNACE PRACTICE IN THE PRODUCTION OF  
LOW-HYDROGEN STEELS AND KINETICS OF FLAKE FORMA-  
TION, BY G. KLOTZBACH, W. JANICHE.

GERMAN, PER, TECHNISCHE MITTEILUNGEN KRUPP,  
VOL XIX, NO 3, 1961, PP 107-121.

HB 5436

SCI - MIN/MET  
AUG 62

206,989

Progress in Vacuum Stream Degassing of Steel  
at Bochumer Verein, by A. Tix.

GERMAN, per, Techn Mitteilungen Krupp,  
Vol XIX, No 3, 1961, pp 122-129.

HB 5435  
\*BISI 2600

Sci - Min/Met  
Apr 62

190, 748

Hard Metals Technology and Research, by J. Hinuber,  
W. Kinna, *1/6/63*

GERMAN, per, Technische Mitteilungen Krupp,  
Vol XIX, No 3, 1961, pp 130-153.

CRL/T 1016

Sci  
Jun 63

*SLA 62-16910 (310)*

Investigation of Fuel Elements in a Hot Loop  
Experiment, by G. B. von der Decken, 27 pp.

GERMAN, per, Technische Mitteilungen Krupp,  
Vol XIX, 1961, pp 137-181. 9091167

AEC Tr-5213

Sci - Phys  
Sep 62

*211, 306*

Investigation of Fuel Elements in a Hot  
Loop Experiment, by C. B. vond der Decken, 27 pp. 9

GERMAN, per, Technische Mitt Krupp,  
Vol XIX, 1961, pp 173-181.

AEC Tr-5213

Sci - Fuels  
Sep 62

210, 926

Iron Ore Reduction Trials in a Cylindrical  
Rotary Furnace, by F. Lucke, H. Serbent, G. Mayer.

GERMAN, per, Technische Mitteilungen Krupp,  
Vol XIX, No 4, 1961, pp 189-195.

Dec

BISI 2689

Sci - Chem

May 62

196, 210

list 132



On the Reactions Between Steel and Slag  
During Tapping and Pouring. Part I, by  
I. E. Becker, H. Beck.

GERMAN, per, Technische Mitteilungen Krupp,  
Vol XIX, No 4, 1961, pp 208-213.

HB 5554

Sci-M/M

Aug 63

*343,509*

On the Reactions Between Steel and Slag During Tapping  
and Pouring. Part II, by E. Becker, H. Beck.

GERMAN, Technische Mitteilungen Krupp, Vol. XIV, 1961,  
No 4, 1961, pp 213-18.

HB 5618

Mat & Met  
Oct 63

345, 173

Trend of Developments in German Structural  
Steelwork, by F. Reinitzhuber.

GERMAN, per, Technische Mitteilungen Krupp,  
Vol. XX, No. 1, 1961, pp 29-38.

BIBI 2584

WEur - Germany

Econ

*189,082*

Mar 62

List 126

Segregation Phenomena in the Solidification of  
Steel Ingots in Small Moulds, by M. Wahlster,  
H. Brocker.

GERMAN, rpt, Techn Mitt Krupp Forschungsber.  
Oct 1962, pp 73-82.

9 \*DISI 6610

Sci-Pat  
Sep 68

The Penetration of a Free Gas Jet Into the Surface  
of a Fluid, by J. Matsch. K

GERMAN, per, Technische Mitteilungen Krupp  
Forschungsberichte, Vol XX, 1962, pp 1-9.

BISI 3064

Sci - Fuels  
Feb 63



224, 2.24

Metallurgy of Reduction Processes in Rotary Kilns.

3. The Processing of Ore Pellets in Rotary Kilns.

by, M. Wahlster, W Feldhaus.

GERMAN, see, Techn. Mitt. Krupp Forsch. Ber. Vol. 20

1962, pp 33-43.

NZDIA

Sci -

July 1967

334-397

On the Production of Single-Crystal  
and Grains of Powder Metallurgy, by H. Franke

GERMAN, see, Technische Mittellungen Krupp  
Forschung Bericht, Vol. KF, 1962, pp 25-28

ENSI 372

204-469  
197 05

204,469

Application of the Magnetic Balance in the Processing  
of Ore, Sinter and Pellets, by M. Wahlster.

GERMAN, per, Techn Mitteil Krupp, Forch-Berichte,  
Vol XX, No 3, pp 65-72.

HB 5788

Sci-Min/Met  
Mar 63



Centrifuge for Soaking and De-Oiling Wire Coils,  
by F. W. Schneider.

GERMAN, per, Technische Mitteilungen Krupp  
Forschungsberichte, Vol XX, No 4, 1962,  
pp 75-77.

BIBI 3374

Sol - W/M  
Oct 63

345, 390

Flexible Couplings, by K. Stolze. GERMAN, per,  
Techn Mitt, July 1962, pp 316-325.  
BISI 7173

Sci/Materials  
Jun 69

383,078

Segregation Phenomena During Solidification of Steel  
in Small Moulds, by M. Wahlster, H. Brocker.

GERMAN, per, Techn. Mitt., Krupp. Forschungsber.,

Vol 20, No 10, October 1962, pp 73-82.

BISI 6610

Sci-Mat

May 69

382,396

Refining of High-Carbon Ferrochromes With  
Oxygen, by K. Borowski.  
GERMAN, per, Technische Mitteilungen Krupp  
Forschungsberichte, Vol XXI, No 4, 1963.  
\*HB 6236

Sci - Engr, Chem  
Jun 64

Remarks on the Desulphurisation of Oxygen Top Blowing  
Processes, by M. Krainer.  
GERMAN, per, Technische Mitteilungen Krupp,  
Vol XXI, No 2, 1963, pp 37-43.  
BISI 3593

3602

Sci - M/M  
May 64

258,923

Desulphurisation During Pure ~~XXX~~ Oxygen Blowing  
of High Phosphorus Pig Iron, by M. Wahlster.  
GERMAN, per, Technische Mitteilungen Krupp,  
Vol XXI, No 2, 1963, pp 44-56.  
BISI 3594

Sci - Engr  
May 64

258,924

On the Stability of Toroidal Shells, by O. Machnag,  
17 pp. GERMAN,  
~~RESEARCH~~, per, Technische Mitteilungen Krupp,  
Vol XXI, No 4, 1963, pp 105-112.  
CIA/FDD X-5512

Sci - Phys  
Jan 65  
FOR OFFICIAL USE ONLY

270,486

Methods for Dust Precipitation of  
Converter Gas, by H. Hoff, G. Urban.  
GERMAN, per, Techn. Mitt. Krupp, Vol 21,  
Nov 1963, pp 125-136.  
BISI 4208

Sci/MGM  
Sep 65

289,352



Reduction Kinetics of an Ore Bed Reduced by Flowing  
Gas, by G. Suhar.  
GERMAN, per, Technische Mitteilungen Krupp ~~Stahl~~  
Forschungsberichte, Vol XXI, No-12, 1963, pp 134-138.  
BISI 3752 704

Sci - Engr  
Sep 64

267,006

Studies of the Processing of Low-Sulphur Fine  
Lime at the LD Plant of Bochumer Verein,  
W. Schleichar, H. Lutz.  
GERMAN, per, Technische Mitteilungen Krupp  
Forschungsberichte, Vol XXI, No 4, 1963,  
pp 139-146.  
•HB 6237

Sci - Engr  
Jun 64

Thick-Wall Design in Modern Blast Furnace  
Construction, by A. Otto, F. Lenger.  
GERMAN, per, Technische Mitteilungen Krupp,  
Vol XXI, No 4, 1963, pp 207-213.  
BISI 3707

Sci - Engr  
Oct 64

268,048

Flow Under the Area of Impingement of an  
Unrestrained Gas Jet Striking the Surface of a  
Liquid at Right Angles, by J. Maatsch.  
GERMAN, per, Technische Mitteilungen Krupp,  
Forschungsberichte, Vol XXI, No 5, 1963, pp 1-4.  
BISI 3696

Sci - M/M  
Jul 64

262,982

The Drawing in of Air in the Oxygen  
Top-Blowing Process, by K. H. Kluth,  
J. Maatsch.  
GERMAN, per, Techn. Mitt. Krupp, Vol 22,  
Jun 1964, pp 24-40.  
BISI 4067

EE-Germany  
Sci/M&M  
Jan 66

293,204

On the Reaction Mechanism Between Oxygen and Liquid  
Steel in the Basic Oxygen Processes, by J. Maatsch,  
K. Borowski.  
GERMAN, per, Technische Mitteilungen Krupp Forschung  
Berichte, Vol XXII, No 2, 1964, pp 63, 64.  
HB Tr No 6209

Sci - M/M  
Feb 65

275,017

Pitting Corrosion, Especially in  
Titanium: I - Corrosion Investigations,  
II - Electrochemical Investigations, by  
W. R. Fischer.

GERMAN, per, Techn. Mitt. Krupp, Vol 22,  
No 3, Nov 1964, pp 65-82; Vol 22, No 4,  
Dec 1964, pp 125-142.  
BISI 4379

Sci/MQM  
Nov 65

292,045

Model Tests on the Behaviour of a  
Free Oxygen Jet in a Foaming Slag,  
by K. H. Kluth, J. Maatsch.  
GERMAN, per, Techn. Mitt. Krupp,  
Vol 22, Dec 1964, pp 93-100.  
BISI 4242

Sci/MGM  
Jul 65

284,680



Use of Shell Toroidal Burner in a 3-Ton  
Vessel for Preheating or Melting Scrap,  
by K. Borowski et al.  
GERMAN, per. Techn. Mitt. Brupp, Vol 22,  
Dec. 1964, pp 145-147.  
WISI 4753

Sci-M&M  
June 66

303,547

The Use of Commercially Pure Oxygen in Steel-  
making. Part I. by W. Hess.

X GERMAN, per, Technische Mitteilungen Krupp,  
Werksberichte, Vol XX, No 5, 1962, pp 253-257.

HB 5868

Sci-Engr

Dec 63

243,925

The Use of Commercially Pure Oxygen in ~~Water~~  
making. Part II, by W. Hess.

GERMAN, per, <sup>c</sup> Technische Mitteilungen Krupp,  
Verkaufsberichte, BSK Vol XI, No 5, 1952,  
pp 267-272.

HD 6125

Sci-M/M  
Jan 64

246, 360

Rolling of Stainless Steel Strip and Sheet, by G. Momm.  
GERMAN, per, Technische Mitteilungen Krupp Werksberichte,  
Vol XXI, 1963, pp 1-10.

BISI 3540

Sci - M/M  
Mar 64

251,698

Model Tests on the Behaviour of a Free Oxygen  
Jet in a Foaming Slag, by K. H. Kluth, J.  
Maatsch.  
GERMAN, per, Tech. Mitt. Krupp, Forschungs-  
ber., Vol 22, No 3, 1964, pp 93-100.  
CRL T. 2095

Sci -  
Jul 67

333,871

Converter Gas Cleaning Process, by H. Hoff.  
GERMAN, per Tech. Mitt. Krupp, Werksboer,  
Vol 21, No 3, pp 125-136, 1963.  
CRL/T. 2192

Sci -  
Jul 67

333,864

Thick-wall Design in Modern Blast Furnace  
Construction, by A. Otto, F. Lenger.  
GERMAN, per, Tech. Mitt. Krupp, Werksber,  
Vol 21, No 4, 1963, pp 207-213.  
CRL/T. 1601

Sci -  
Jul 67

333,877

A New, Instantaneously Logarithmic Wide-Band Amplifier,  
by G. Epprecht, 9 pp.

GERMAN, per, Techn. Mitt. P. T. T., Vol XXIX, 1951,  
pp 161 - 167.

CIA/FOD 2-16

Scientific - Electronics

Jul 52 GTS    DEX    ASCII Gr 544



Wireless Telephones for Communication with Vehicles,  
by P. Hani.  
GERMAN, per, Technische Mitteilungen Ptt. No 5, 1951,  
pp 77-160  
RAG/ENG

Sci -  
Aug 67

336,604

Radio Telephone Communication with Vehicles, by  
H. Abrecht.  
GERMAN, for, Technische Mitteilungen PTT, by No 10,  
1951, pp 8-392  
PAG/ENG

Sci -  
Aug 67

336,001

Swiss Coaxial Cable (12 Swiss Meeting for Electric  
News Transmission Technics, 4 pp. UNCLASSIFIED

GERMAN, per, Technische Mitteilungen PTT, No 10,  
1 Oct 1953, ~~ENCI to Rpt No R-438-53.~~

ID 1190445

WE - Switzerland  
Economic - Communications  
CTS/DEX                    CIA 2103400

8216

9