

The Behaviour of Welded Aluminium Alloys of the
AlZnMg1 Type, by A. Muller-Busse, 21 pp.

GERMAN, per, Aluminium, Vol XXXII, No 6, 1956,
pp 333-339.

Sci - Min/Met
Apr 1957

SLA Tr 1811 Jan 1957
46,296

The Resistance of Light Metal Seam Welds Under Impact With Particular Reference to Low Temperatures and Varying Impact Velocity, by M. Puschner, 12 pp.

GERMAN, per, Aluminium, Vol XXXII, No 6, Jun 1956. pp 340-343.

SLA 57-842

Sci - Engr

58,213

Feb 56

Effect of Grain Structure on the Fatigue Strength
of Wrought Aluminium Alloys, by E. Straube.

per

GERMAN, Aluminium, Vol XXXII, No 8, 1956, pp
476-479.

ASLIB-GB1

Sci
Aug 58

70,891

The "Frankfurter Topf" an Ideal Aluminium
Muffler, by H. K. Leistritz, 9 pp.

GERMAN, per, Aluminium, Vol XXXII, No 8,
Aug 1956, pp 496, 497.

S.L.A. Tr 57-¹³⁵35

Sci - Engineering, aluminium
May 57

47,809

The New Radio Telescope of the Observatory of the
University of Bonn, by L. Mohr.

¹
GERMAN, per, Aluminum, Vol XXXII, No 10, Oct 1956,
pp 610-616.

Navy Tr 1572/NRL-643

Sci - Electronics

Dec 57

56,029

INSPEC T-1995

Portable Light Metal Antenna-Masts, by E.
Evermann and P. Kotzschke.

GERMAN, per, Aluminium, Vol XXXII, 19^g56, pp
617-621.

INSDOC-T1996

Sci

Aug 58

72,549

On the Approximate Calculation for De-
signing Compression Bending Rods in Light-
Metal Construction, by J. Weinhold.

GERMAN, per, Aluminium, Vol XXXII, 1956, pp
633-636.

INSDOC-1997

Sci

72,740

Aug 58

1
Creep in Aluminum Wire and Stranded Conductor, by
R. Wintergerst, M. Apfelbacher, 32 pp.

STEIN, for, Aluminum, Vol. XXIII, No. 1, Jan
1957, pp 16-32.

RLA 508-235

Oct

Aug 59

95,993

Studies of the Reaction Between Aluminum and
Water, by D. Altenrohl, 40 pp.

GERMAN, per, Aluminium, Vol XXXIII, No 2, 1957,
p 78-91.

SLA 58-43

Sci

Jul 59

92,733

Speckled Defects in Anodized and Dyed Sheet Metal
Articles and Means for Avoiding Them, by F. E. Faller,
10 pp.

GERMAN, per, Aluminum, Vol XXXIII, No 2, 1957, pp
91-94.

Engr Res and Devel Lab
Ft Belvoir, Va.

Sci - Engr

Jun 68

65,541

Concerning Dry Friction in Some^e Aluminium Alloys
and Steels, by F. Bollenrath, H. Grefkes, 32 pp.

GERMAN, per, Aluminium, Vol XXXIII, 1937, pp
234-240

SLA 57-3545*

Sci

Jul59

92,714

Recovery and Recrystallization of Aluminium:
Recent Investigations on Super-Purity and
Commercial Purity Aluminium, by D. Altenpohl.
UNCLASSIFIED

per,
GERMAN/Aluminium, Vol XXIII, No 5, May 1957,
pp 306-317.

Aluminium Laboratories, Ltd.
Banbury, Oxfordshire
England
B-TM-214-58 23 Tr

Sci - Min/Net
Sep 58

71,915

Advances in Sigma Welding Technique and
Equipment, by E. Witting, 14 pp.

GERMAN, per, Aluminium, Vol XXXIII, No
6, Jun 1957, pp 372-376.

SLA 57-3302

Sci

Aug 58

72,397

ol

The Sections of Concerned With a Single Uniform
Subject are Denoted With an *, by E. Herrmann.

6,

GERMAN, per, Aluminium, Vol XXXIII, No 8, 1957,
pp 546-548.

Morris D. Friedman
H-101 \$3.50

Sci -
Feb 58

71,931

Resistance of Aluminium Alloys to Mortar, by
E. Fischer, H. Vosskuhler, 18 pp.

GERMAN, per, Aluminium, Vol XXXIII, No 9, Sep
1957, pp 606-612.

SLA 58-²352

Sci

Aug 59

95, 711

The Metal Physics Bases of Pressure Welding, by F.
Erdmann-Jesnitzer, 33 pp.

GERMAN, per, Aluminium, Vol XXXIII, 1957, pp 730-⁷
739.

~~RESTRICTED~~
AEC SCL-T-312

. Sci - Phys
Sep 60

124,844

Electron Microscopic Study of the Subcrystalline
Structures on Aluminum Surfaces Chemically Polished,
by D. Altenpohl, W. Hugi, 31 pp.

GERMAN, Aluminium, Vol XXXIII, 1957, pp 774-781.

AEC CEA Tr A444

Reverse Trans German to French
Feb 59

The Behaviour of Aluminium Towards Common Organic Solvents, by K. Broeckmann.

GERMAN, per, Aluminium, Vol XXXIV, No 1, Jan 1958, pp 30-35.

TIL
GT/3333

Sci - Chemistry, Minerals/Metals
Jul 59

92,195

Influence of Small Amounts of Metallic Additions
to Aluminum Castings, by R. Irrmann, 10 pp.

GERMAN, Per, Aluminum, 1958, Vol XXXIV, No 3,
pp 120-130,

123 100

SLA 59-15074

AEC HW-TL-20

Sci

Nov 59

Vol 2, No 3

100,929

Refining of Aluminium Melts, by H. Riedelbauch,

GERMAN, per, Aluminium, Vol XXXIV, No 3,
1958, pp 130-134.

CSIRO

Sci - Min/Met
Apr 62

190,480

Contribution to the Bending of Aluminium Pipes
and Sections, by W. Heggmann,

GERMAN, per, Aluminium, Vol XXXIV, No 5, pp 266-276.
1958

C.S.I.R.O.

Sci - Min/Mat - Metallurgy

May 60

116,356

Joining Aluminium to Other Materials, 15 pp.

GERMAN, per, Aluminium, 1958, Vol XXXIV,
No 5, pp 276-279.

BLA 59-10366

Sci - Min/Met
OIS I, 12
Jul 59

92, 328

Longitudinally Finned Aluminum Heat Exchangers, by
Lohmann, 25 pp.

GERMAN, per, Aluminium, Vol XXIV, No 7, 1958,
pp 410-416.

SLA 59-10851

Sci - Min/Met

Sep 59

Vol 2, No 1.

97799

Report on the Resistance of Aluminium and
Aluminium Alloys at Temperatures up to 300°C,
by K. Wellinger.

654800AS, per, Aluminium, No 8, 1958, pp 458-463.

C.S.I.R.O.

Sci

May 60

115,757

Structure and Strength Properties of Extruded
and Drawn Flat Strips of Various Alloys of the
AlMgSi-Type with Special Consideration of the
Mn-content, by W. Rozenkrantz,

GERMAN, per, Aluminium, No 9, pp 510-518, 1958

C.S.I.R.O.

Sci - Min/Met - Metallurgy

May 60

116,358

Causes of Gas Absorption and Effective Gas
Determining and Degassing Methods for Aluminium
Alloys, by H. Kessler

GERMAN, per, Aluminium, Vol XXXIV, No 9,
pp 518-521. 1958

C.S.I.R.O.

Sci - Min/Met - Metallurgy

May 60

116,357

Causes de l'absorption de gaz par les alliages
d'aluminium - Methodes convenables de dosage de
ces gaz et de degazage de ces alliages, by
H. Kessler, 16 pp.

GERMAN to FRENCH, per, Aluminium, Vol XXXIV,
No 9, 1958, pp 518-521. ~~9222316~~

Reverse Translation
CEA-A-1528

Sci
Jun 64

The Behaviour of Some Light Metal Piston Alloys
Under Cyclic Thermal Stress, by K. Loehberg,
E. Schulz, W. Jung-Koenig, 26 p.

GERMAN, per, Aluminium, 1958, Vol XXXIV, No 11,
pp 634-642.

SLA 59-17408

Sci
Feb 60
Vol 2, No 9

107,011

Echangeurs de chaleur, by F. Lohmann.

GERMAN to FRENCH, per, Aluminium, Vol XXXV, Apr 59,
pp ~~204~~ 205-216. 9203239

Reverse Translation/CEA

Sci

Apr 63

Corrosion Resistance of Aluminium in Contact
With Stainless Steel, by H. Zeiger.

GERMAN, per, Aluminium, Vol XXXV, No 7,
1959, pp 394-396.

CSIRO

Sci - Min/Mat

191, 738

Apr 62

Reactions of Sodium Phosphates With Aluminium
Silicon Heats, by H. Bohm, 9 pp.

GERMAN, per, Aluminium, Vol XXV, No 10,
1959, pp 560-563.

SLA 60-16867

Sci
Vol IV, No 7
Apr 62

192,659

1
Contraction and Internal Stresses in Bonded
Joints, by W. Spaeth.

GERMAN, per, Aluminium, Vol. XXXV, No 10,
Dusseldorf, 1959, pp 576-582.

RAE 886

Sci - Engr

Jul 60

120,498

Contributions to Study of Work Hardening
and Stress Relief in Aluminium and
Aluminium Alloys, by F. Erdmann-Jesnitzer,
H. Hadamovsky.

GERMAN, per, Aluminium, Vol 35, No 11,
1959, pp 626-632.

NRC/Ref: C-5128

Sci -

Jul 67

334,835

Present State of Development of Aluminum Production,
by Hans Ginsberg,

GERMAN, per, Aluminum, Vol XXXVI, 1960, pp 14-16.

Dept Int
TN7 E57 No 348

Sci - Min/Met
23 Mar 61

143,685

DYNAMIC INVESTIGATION OF GLUED METAL JOINTS, BY
H. WINTER, H. MECKELBURG.

GERMAN, PER, ALUMINIUM, VOL XXXVI, NO 1, 1960,
PP 17-25.

TIL T 5148

2615

SCI - MIN/ MET

SEP62

210,230

Significance of the Notched-bar Impact
Bending Test for the Testing of Al and Al
Alloys, by H. Wolf, G. Jacoby.
GERMAN, per, Aluminium, Vol. 36, No 4, 1960,
pp 186-192.
GB/160

Sci -
Jul 67

334,351

Controle par ultrasons de toles d'aluminium et de
produits manufactures en tole d'aluminium, by
W. Lehfeldt, 13 pp.

GERMAN to FRENCH, per, Aluminium, Vol XXXVI, No 4,
1960, pp 195-198.

Reverse Translation
CEA-A-1077

Sci
Feb 64

Hahn, G. and Moldenhauer, W.
INFLUENCE OF TEMPERATURE AND CONCENTRA-
TION OF THE ELECTROLYTE ON THE FORMATION
OF ANODIC FILMS. [1962] 7p. 11 refs.
Order from SLA \$1.10

63-10857

Trans. of Aluminium (West Germany) 1960 [v. 36]
no. 5, p. 265-267.

DESCRIPTORS: *Aluminum, *Anodes, Coatings, Films,
Oxides, Production, *Electrolytes, Temperature

(Metallurgy--Light Metals, TT, v. 10, no. 1)

63-10857

I. Hahn, G.
II. Moldenhauer, W.

Office of Technical Services

Principles of the Static Strength of Compounds
for Gluing Metals in the Case of Tensile, Sheer
and Composite Stresses, by E. A. Cornelius, G.
Muller.

GERMAN, per, Aluminium, Vol XXXV, No 12, 1959,
pp 695-703.

*TIL T 5146

Sci - Engr

Jan 61

Present State of Development of Aluminum Production,
by Hans Ginsberg;

GERMAN, per, Aluminum, Vol XXXVI, 1960, pp 14-16.

Dept Int
TN7 B57 No 348

Sci - Min/Met
23 Mar 61

143,685

DYNAMIC INVESTIGATION OF GLUED METAL JOINTS, BY
H. WINTER, H. MECKELBURG.

GERMAN, PER, ALUMINIUM, VOL XXXVI, NO 1, 1960,
PP 17-25.

TIL T 5148

GR 13

SCI - MIN/ MET

SEP62

210,230

Significance of the Notched-bar Impact
Bending Test for the Testing of Al and Al
Alloys, by H. Wolf, G. Jacoby.
GERMAN, per, Aluminium, Vol. 36, No 4, 1966,
pp 186-192.
GB/169

Sci -
Jul 67

334,351

Controle par ultrasons de toles d'aluminium et de
produits manufactures en tole d'aluminium, by
W. Lehfeldt, 13 pp.

GERMAN to FRENCH, per, Aluminium, Vol XXXVI, No 4,
1960, pp 195-198.

Reverse Translation
CEA-A-1077

Sci
Feb 64

Hahn, G. and Moldenhauer, W.
INFLUENCE OF TEMPERATURE AND CONCENTRA-
TION OF THE ELECTROLYTE ON THE FORMATION
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Order from SLA \$1.10

63-10857

Trans. of Aluminium (West Germany) 1960 [v. 36]
no. 5, p. 265-267.

DESCRIPTORS: *Aluminum, *Anodes, Coatings, Films,
Oxides, Production, *Electrolytes, Temperature

63-10857

I. Hahn, G.
II. Moldenhauer, W.

Recent Developments in the Field of High-Gloss
Aluminum, by E. Tragner, G. Kappel, 17 pp.
GERMAN, per, Aluminium (West Germany), Vol 36, No 5,
1960, pp 267-271.
ERDL-T-1852-66
AD-635 649

313,260

Sci -
Oct 66

All-Aluminum Radiators, by H. W. Durrath, 8 pp.
GERMAN, per, Aluminum (West Germany), Vol 36, No 6,
1960, pp 337-338.
ERDL-T-1850-66
AD-635 646

313,263

Sci -
Oct 66

61-10547

WELDING OF ALUMINIUM BY ULTRASONICS. [1960]
3p. (2 figs. omitted).
Order from SLA ml\$1.80, ph\$1.80 61-10547

Trans. of Aluminium (Germany) 1960, v. 36, no. 6,
p. 339.

The modus operandi is described of the ultrasonic machine manufactured by Dr. Lehfeldt and Co., Heppenheim, for welding aluminum foil and thin aluminum wire, which was exhibited at the 1960 German Industrial Fair in Hannover.

1. Aluminum wire--Welding
2. Aluminum foils--Welding
3. Ultrasonics--Applications

Office of Technical Services

(Machinery--Manufacturing, TT, v. 5, no. 7)

On the Formation of Not Completely Wear-Resistant
Coatings on the Anodic Oxide Film When Adding Certain
Dyes to the Sealing Bath, by F. Modic, 15 pp.
GERMAN, per, Aluminium (West Germany, Vol 36, 1960,
pp 457-461.
ERDL-T-1855-66
AD-635 648

313,259

Sci -
Oct 66

Herrmann, E.
ALUMINUM WIRE BY THE PROPERZI CONTINUOUS
CASTING AND ROLLING PROCESS. [1961] 20p. (refe.
18 figs, omitted).
Order from SLA \$1.60 61-20494

Trans. of Aluminium (Germany) 1960 [v. 36] Oct,
p. 568-579.

DESCRIPTORS: *Aluminum wire, Casting, Rolling
mills, Manufacturing methods, Wire.

(Metallurgy--Light Metals. TT, v. 7, no. 7)

31 1019:

1. Title: Properzi method
1. Herrmann, E.

Office of Technical Services

Impact Tests on Aluminium, by W. RYMER Smith, A. J.
GERMAN, per, Aluminium, Vol. XXVI, 1960, pp. 714-719.
9203973

IRB Canada
T 102 G

Sci - Mat & Met

Apr 63

229,387

The Electrothermal Production of Aluminum in the
Light of Patent Literature, by E. Herrmann.

GERMAN, per, Aluminium, Vol XXXVII, No 3, 1961,
pp 143-149; No 4, Apr 1961, pp~~XXX~~ 215-221.

Dept of Interior
TW? E57 No 459

Sci - Engr

175,985

Dec 61

Stroem, B. and Aronson, P. O.
FACTORS INFLUENCING THE COLOR UNIFORMITY
OF ANODIZED ALUMINUM BUILDING PARTS. Paper
presented at Internationale Leichtmetall Tagung (Inter-
national Light Metals Conference) (no. 4) Leoben, 1961.
[1962] 5p. (figs. omitted) 1 ref.
Order from SLA \$1.10

63-10166

Trans. of Aluminium (West Germany) 1961 [v. 37]
p. 204-205.

DESCRIPTORS: *Aluminum, *Buildings, *Panels
(Structural), Colors, Electrodeposition, Oxides, Films,
Reflection, Brightness, Coatings

(Metallurgy--Light Metals, TT, v. 10, no. 4)

63-10166

- I. Title: Anodic coating
- I. Stroem, B.
- II. Aronson, P. O.
- III. Title: Internationale...
- IV. Title: International...

Office of Technical Services

Electrolytic Refining of Aluminum Using an
Organoaluminum Electrolyte, by A. Boehm,
H. Ginsberg, W. Reuter.

GERMAN, per, Aluminium, Vol XXXVII, No 5,
1961, pp 267-273.

Dept of Interior
TN7 B57 No 470

181,547

Sci - M/M

Jan 62

Domony, A.
CONCERNING STRUCTURE OF BARRIER LAYERS
PRODUCED ON ALUMINIUM UNDER THE INFLUENCE
OF HOT WATER (AT 80-100°C.). 27 Feb 62, 5p.
(refs.omitted)
Order from SLA \$1.10

62-16226

Trans. of Aluminium (West Germany) 1961, v. 37, no. 6,
p. 351-352.

DESCRIPTORS: *Aluminum compounds, *Hydroxides,
*Aluminum alloys, *Powder metallurgy, Transforma-
tions, Surfaces, Microstructure, Spectrographic analy-
sis, Transition temperature, *Corrosion inhibition,
Coatings, *Corrosion, Water.

(Metallurgy--Corrosion, TT, v. 9, no. 4)

62-16226

1. Title: Böhmite
1. Domony, A.

Office of Technical Services

Lattice Vacancies in Aluminium, by D. Altenpohl.

GERMAN, per, Aluminium, Vol XXXVII, No 7,
1961, pp 401-411.

OT 7083

Sci - Chem

Oct 62

215,501
OT 7083
CLM 62-148
FBI 70 102

Metallo Graphic and X-Ray Study of Precipitates in
AlCuMg Alloys, by W. Gruhl.
GERMAN, per, Aluminum, Vol 37, 1961, pp 416-423.
*NTIS/NBS TT 71-55304
Available NBS Only

July 71

Chemical Technology and Aluminum Consumption,
by Hans Ginsberg.

GERMAN, per, Aluminum, Vol XXXVII, No 8,
pp 537-541.

Dept of Interior
TM7 E57 No 485

Sci - Min/Met

190,806

Apr 62

Grubitsch, H., Geymeyer, W, and Buvik, E.
ANODIC OXIDE FILMS WITH CONTROLLED PORE
SIZE. [1962] 7p. (17 figs. 6 tables 22 refs. omitted).
Order from SLA \$1.10

62-18018

Trans. of Aluminium (Germany) 1961, v. 37, no. 9,
p. 569-575.

DESCRIPTORS: *Electron microscopy, *Porous
filters, *Aluminum compounds, Oxides, Films,
Stabilization, Organic solvents, Anodes.

The purpose of the present investigation was to
establish whether detached eloxal films, which have
formed under suitable conditions, could be used as a
filter material for a direct electron-microscope
radiation, or, how uniformly the pores are developed
in this film. (Author)

(Chemistry, TT, v. 8, no. 9)

62-18018

I. Grubitsch, H.
II. Geymeyer, W.
III. Buvik, E.

Office of Technical Services

Brenner, P.
PROPERTIES AND APPLICATION OF A HEAT
TREATABLE AND WELDABLE AlZnMg-ALLOY
(KONSTRUKTAL 21/51). [1962] 13p. (8 figs. 13 refs.
omitted).

Order from SLA \$1.60

62-14833

Partial trans. of Aluminium (Germany) 1961, v. 37,
no. 10, p. 633-644.

DESCRIPTORS: *Aluminum alloys, *Zinc alloys,
*Magnesium alloys, Welding, Tensile properties,
Elasticity, Heating, Corrosion-resistant alloys.

(Metallurgy, TT, v. 8, no. 4)

62-14833

I. Brenner, P.

Office of Technical Services

The Radiation Behavior of Light Metals, by
K. Lintner. 17 pp.
FRENCH, per, Aluminium, Vol 37, 1961,
pp 645-647.
AEC CEA-tr-A-1818

Sci/Materials
Feb 67

318,465

Erdmann-Jesnitzer, F. and Jehmlich, G.
THE EFFECTS OF COOLING CONDITIONS UPON
INVERSE SEGREGATION IN ALUMINIUM ALLOYS.
[1962] [19]p. (13 figs. 15 refs. omitted).
Order from SLA \$1.60

62-18103

Trans. of Aluminium (Germany) 1962, v. 38, no. 1,
p. 13-19.

DESCRIPTORS: *Aluminum alloys, *Casting,
Cooling, *Metallic crystals, Separation, Micro-
structure, *Radiography.

The investigational results published heretofore on
the extraneous criteria affecting the order of magni-
tude (difference between concentrations at ingot
periphery and the middle) alter them either to larger
or smaller values, are presented. The effects of
casting temperature, the thickness of the mould
walls and the mould temperature at a constant pour-
(Metallurgy--Light Metals, TT, v. 8, no. 9) (over)

62-18103

I. Erdmann-Jesnitzer, F.
II. Jehmlich, G.

Office of Technical Services

Metallo graphic and X-Ray Study of Precipitates in
AlZnMgCu Alloys, by W. Gruhl.
GERMAN, per, Aluminum, Vol 38, 1962, pp 145-149.
*NTIS/NBS TT 71-55303
Available NBS Only

July 71

Neunzig, H. and Röhrig, V.
ABOUT THE EFFECTS OF SEALING ON THE
QUALITY OF OXIDE FILMS. [1962] 15p. (figs.
omitted) 5 refs.

Order from SLA \$1.60

63-10145

Trans. of Aluminium (West Germany) 1962, v. 38,
no. 3, p. 150-154.

DESCRIPTORS: *Aluminum, *Corrosion inhibition,
Protective treatments, Oxides, Films, *Seals
(Stoppers), Acids, Surface-active substances, Cobalt
compounds, Nickel compounds, Acetates, Water vapor.

The tests showed that excellent corrosion protection
was obtained only after adequate sealing and if the parts
had been anodized to the necessary film thickness. The
best sealing was obtained in water vapor where the
pores are closed by the formation of aluminum hydrox-
ide. Parts sealed in water vapor will always be sealed
(Metallurgy--Corrosion, TT, v. 10, no. 2) (over)

63-10145

I. Neunzig, H.
II. Röhrig, V.

Office of Technical Services

Extrusion of AlNiSi--Alloys, by G. E.
Gardner, F. Booth, K. W. Gunn, D. L. W.
Collins, D. W. Evans, 40p.
GERMAN, per, Aluminium, No 4, 1962,
pp 207-21.
CFSTI AD-636,191

332, 281

Sci
Jul 67

Study of the Conductivity of Fused Salt
Mixtures, by H. von Grothe.

GERMAN, per, Aluminium, Vol XXXVIII, No 5, 1962,
pp 320-322.

✓ Dept of Interior
TN 7 E57 N6 552

Sci - Chem

Sep 62

Internal Protection of Aluminium Beer Barrels, by K. Broockmann,
A. Schimmer.
GERMAN, per, Aluminium, Vol XXXVIII, No 9, 1962, pp 609-613.

GB/95

Sci - M/M

Feb 64

250,506

Krekel, P.
CORROSION DURABILITY AND NEW APPLICATION
METHODS OF HELI-COIL THREAD INSERTS. [1963]
[12]p. (figs. omitted) 2 refs.
Order from SLA \$1.60

63-16472

Trans. of Aluminium (West Germany) 1962, v. 38,
p. 718-721.

DESCRIPTORS: *Corrosion, *Corrosion inhibition,
*Screw threads, Screws, Bolts, Steel, Aluminum alloys.

(Metallurgy--Corrosion, TT, v. 10, no. 5)

63-16472

I. Krekel, P.

Office of Technical Services

On the Formation of Oxide Films on Aluminum, by W.
Kaden, 31 pp.

GERMAN, per, Aluminium (West Germany), Vol 39, 1963,
pp 33-41.

ERDL-T-1849-66

AD-635 687

313,257

Sci -

Oct 66

Behavior of the 0.2 - Limit With Welding
Connections of Aluminum Alloys, by
G. Jacoby, H. Schoer, 27 pp.

GERMAN, per, ²⁹Aluminum, Vol ~~27~~, 1963,
pp 159-164. 9690553

DDC RSIC-103

Sci - M/M, Engr
Jan 64

248,834

Aluminium Salts and Their Growing Importance, by
H. Von Kretzschmar.
GERMAN, per, Aluminium, Vol XXXIX, No 3, 1963,
pp 189-193.

Dept of Interior
TN7 E57 No 699

Sci - M/M

Mar 64

251,190

Bonding of Aluminium and Other Materials
using Adhesives, by A. Perrone.
ITALIAN, per, Alluminio, Vol 32, No 8, 1963,
pp 397-407
GB/41/3758 - Price \$ 8

Sci -
Jul 67 334,543

TT-65-12320

Field 13B

WATER COOLED TENSION PLATES MADE OF POURED
ALUMINUM FOR USE IN OZONIZATION FOR WATER
PURIFICATION. 6p.

Order from SLA: \$1.10 as TT-65-12320

Trans. of Aluminium (West Germany) v39 n7 p448-9 1963.

MR 630

Development of a High-Strength Stress-Corrosion-Resistant Alloy With an AlZnMg Base, Part II. by
~~W. Rosenkranz~~

W. Rosenkranz.

GERMAN, per, Aluminium, Vol XXXIX, No 12,
1963, pp 741-752. 9692811

DDC RSIC-177

Sci-M&M

Ju.y 64

263,156

Age-Hardening, by H. Bohm, 17 pp.
GERMAN, per, Aluminium, Vol XXXIX, No 12,
1963, pp 753-759. 9692670
DDIC RSIC-174

NSIC TR 1658 9230981
GB60/NSIC 1655

Sci-M & M
June 64

260,666

Investigations on Complex Aluminum Bronzes
The Ternary Phase Diagram Cu-Al-Zr, by
C. Panseri.

ITALIAN, per, Alluminio, Vol 33, No 2,
1964, pp 63-70.

TC-1008

Sci-Materials
Oct 66

313,201

Development of Anodizing of Aluminum and Its Alloys,
by R. Gadeau. GOVERNMENT USE ONLY
GERMAN, per, Aluminium, Vol XL, No 3, 1964,
pp 165-167. 9695184
DDC PSIC-282

Sci - M/M
Jan 65

260,682

Investigations of Slip-Band Occurrence in Forming
of AlCuMg- and AlZnMgCu-Sheets, by E. Mohr.
GOVERNMENT USE ONLY
GERMAN, per, Aluminium, Vol XL, No 3, 1964,
pp 169-176. 9695525
EDDC RXSIC-307

Sci - M/M
Jan 65

270,683

The Influence of Minor Additions of Foreign
Atoms on Natural Ageing of Binary Al-Zn
Alloys, by G. Bartsch. FOR GOVERNMENT USE ONLY
GERMAN, per, Aluminium, Vol XL, No 3, 1964,
pp 176-180. 9695810
DDC RSIC-342

Sci - NS

Apr 65

Sci - NS

Apr 65

278,245

APPROVED FOR RELEASE: 2005/08/09 CIA-RDP91-00403R000200730027-6

Aluminium, Aluminium Zentrale, Berlin

1963, Vol 39, pp 753-759

ntc 70-11606-11F

APPROVED FOR RELEASE: 2005/08/09 CIA-RDP91-00403R000200730027-6

Precipitation Phenomena and Behavior on
Bright Anodization of Al-1% Mg and Al-1%
Mg 2 Si Alloys Obtained From Aluminum of
High Purity, by E. D. Russo.

ITALIAN, per, Alluminio, Vol 33, No 12,
1964, pp 613-625.

TC-1009

Sci-Materials

Oct 66

313,202

The Significance of Sealing and Testing
Thereof for the Behavior of Anodically
Produced Oxide Coatings on Aluminum and
Its Alloys, by G. Darnault.
GERMAN, per, Aluminium, Vol XL, 1964, pp 290-294.
No 5.
ATS-90R77G

Sci
Apr 67

323,001

The Solubility of Hydrogen in Aluminum and
Magnesium, by Helmut Winterhager, 47 pp.

GERMEN, ~~PER~~, Aluminium Archiv, Vol XII, 1938.

SLA Tr 844/1955

Sci - Min/Met

50,156

Jul 57

Processing of Sap, by F. R. Bennett, K. Langrod, 5 .

GERMAN, rpt, Aluminum Industrie Aktien Gesellschaft
Neuhausen, Switzerland, 18 Dec 1958.

AEC NAA-SR-Memo-3894

Sci -
Jun 61

156,074

Irmann, R.
CRUCIBLES USED IN ALUMINUM FOUNDRIES.
21 Jan 63, 11p. (figs. omitted).
Order from SLA \$1.60

63-18624

Trans. of Aluminium Suisse, 1951, v. 1, p. 75-81.

DESCRIPTORS: *Crucibles, *Foundries, *Aluminum,
Graphite, Carborundum, Iron, Castings.

(Metallurgy, TT, v. 10, no. 9)

63-18624

I. Irmann, R.

Office of Technical Services

Aluminium in Switch and Distributing Plants.

FRENCH, per, ^{mn}Aluminium Suisse, No 2, 1954,

ASLIB-GB389

Sci -
Aug 58

72,546

Unidal, by H. Hug.

FRENCH, per, Alumin Suisse, No 4, Jul 1955, pp 112-121.

Aluminium Lab, Ltd
B-TM-225-58

Sci - Minerals/Metals
Jul 59

92,206

The Assembly of Aluminium in Contact With Other
Metals, by E. Zurbrugg, 9 pp.

FRENCH, per, Aluminium Suisse, Vol IV, 1955,
pp 122-127.

AEC/ICRL-T/R-76

Sci - Min/Met

May 59

87,904

Coloring of Anodized Aluminum by Means of
Inorganic Pigments, by E. Hermann, W. Huebner,
13 pp.

ENR FRENCH, per, Aluminium Suisse, Vol V, No 4,
1955, pp 134-138.

S.L.A. Tr 1241

Sci - Min/Metals
Jan 57 CTS

42,616

Applications of Ultrasonics in the Field of
Light Metals, by F. Rohner, 21 pp.

FRENCH, per, Aluminium Suisse, Vol VI, No 3,
1956, pp 82-89.

SLA 57-3312

Sci

Aug 58

72,536

Aluminium-Angle Conductor Bars, by G. Dassetto,
18 pp.

~~FRENCH~~

~~ITALIAN~~, per, Aluminium Suisse, Vol VI, No 5,
1956, pp 161-173.

AEC IGRL-T/R-78

Sci - Min/Mat

Jun 59

90,285

The Influence of the Ratio of Ironsilicon on the Formation of Pores in Aluminium Obtained by Continuous Casting, by H. Hug.

FRENCH, per, Aluminium Suisse, No 1, Jan 1957, pp 33-37.

ASLIB-0003

Sci

Aug 59

95, 715