

Modern Equipment for the Quantitative and
Qualitative Spectrochemical Analysis of
Metallic Alloys, by M. R. Girschig, 40 pp.

FRENCH, per, *Revue de Metallurgie*, Vol XL,
1943, pp 143-155, 175-182.

S.L.A. Traus 931

Sci- Minerals/Metals

29.935

Modern Apparatus for Qualitative and Quantitative
Spectrochemical Analysis of * Metallic Alloys,
by M. R. Girschig, 23 pp.

FRENCH, per, Revue de Metallurgie, Vol XL,
1943, pp 202-208, 252-256.

S.L.A. Trans 930

Sci - Minerals/Metals

29,934

<p>JACQUET, J. THE USE OF CARBIDE TOOLS. [Oct 46] 149. Order Form S.L.A. m\$2.40. p\$3.30 60-18292</p>	<p>60-18292</p>
<p>Trans. of Revue de Métallurgie (France) 1943, v. 40, [no. 8] p. 225-231.</p>	<p>1. Carbide tools - Applications 1. Jacquet, J.</p>
<p>142,793</p>	
<p>(Unsummarized)</p>	<p>Office of Technical Services</p>

The Castability of Metals and Alloys, by Paul
Bastien.

FRENCH, per. Revue de metallurgie, Vol XL, 1943,
pp 353-367.

NRL Tr 30

Scientific - Min/Metals

13,954

Experimental Study of Metallic Diffusion by the
Thermomagnetic Method, by P. Chevenard.
FRENCH, per, Rev de Metallurgia, Vol 41, 1944,
pp 353-368.
*CFSTI TT 70-58213

Sci-Phys
June 70

Value of the Resilience Test For the Study of
Brittleness Due to Annealing, by H. Jolivet,
G. Vidal, 21 p.

FRENCH, per, Revue de Metallurgie, 1944, Vol XLI,
No 11, pp 378-388 and pp 403-408.

SLA 59-17928

Sci
Feb 60
Vol 2, No 9

107,010

Contribution to the Theory of the Elastic
of Metals and Alloys, by Pierre
Laurent, 81 pp.

FRENCH, per, Revue de Metallurgie.
Vol XLII, No 3, pp 79-92, No 4,
pp 125-132, No 5, pp 156-167, No 6,
pp 194-202, No 7, pp 230-239.

SLA 60-18293

Sci
Vol. IV, No 11
May 62

197, 939

<p>Vidal, Georges THE TEMPER-BRITTLENESS OF STEELS CONTAIN- ING CHROMIUM, MOLYBDENUM, AND TUNGSTEN [New 46] 9p. 7 refs. Order from SI A m5 80, ph\$1.80 60-18294</p>	<p>60-18294 1 Steel-Heat treatment 2 Steel-Mechanical properties 1 Vidal, G.</p>
<p>Trans. of Revue de Metallurgie (France) 1945, v. 42 [no. 5] p. 149-155</p>	<p>142,879</p>
<p>(Continued)</p>	<p>Office of Technical Services</p>

<p>Brun, Max PRACTICAL CONSIDERATIONS OF SOME OF THE FACTORS HAVING AN INFLUENCE ON THE QUANTITY OF COKE CONSUMPTION PER METRIC TON OF PIG IRON IN THE BLAST-FURNACES OF THE BRIEY BASIN. [Mar 49] 76p. (1 fig. omitted) 37 refs. Order from S.L.A. m\$4.50, pb\$12.30 60-18295</p> <p>Trans. of Revue de Metallurgie (France) 1945, v. 42 [no. 9] p. 273-285; [no. 10] p. 308-320; [no. 11] p. 347-358 and [no. 12] p. 393-401.</p> <p>(Unannounced)</p>	<p>60-18295</p> <ol style="list-style-type: none">1. Coke - Economic aspects2. Blast furnaces - Operation1. Brun, M. <p style="text-align: center;">Office of Technical Services</p>
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Long-Time Neutral Corrosion Testing of Various
Structural Steels in the Atmosphere and in
Different Sea and Fresh Waters, Parts I & II, by
Henri Baudot & Georges Chaudron,
FRENCH, par, Revue de Metallurgie, Vol 43, 1946,
pp 1-67.
Dept of Navy NIC tr 2558

Sci/Mat
Ann 68

254 064

<p>Girschig, Robert A NEW MICROHARDNESS TESTER - THE "L. C. MICROSCLEROMETER". Paper presented at Société Française de Métallurgie, 8 Dec 45. [Nov 47] 22p (15 figs. omitted). Trans. of S.I.A. no 2. 70. pt \$4. 80 60-18296</p> <p>Trans. of Revue de Métallurgie (France) 1946, v. 43 [no. 3/4] p. 95-112.</p> <p style="text-align: center;">142,780</p> <p>(Transmission cost)</p>	<p style="text-align: center;">60-18296</p> <p>I. Metals - Testing equipment 2. Title: Microsclerometer 1. Girschig, R. II. Title: Société</p> <p style="text-align: center;">Office of Technical Services</p>
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Machine for Testing Steel for Hot Workability and
Results Obtained With It, by R. Canard, UNCLASSIFIED

FRENCH, par, Revue de Metallurgie, Vol 43, 1946,
No 5-6, pp 156-161.

Sept 1946
TNI 207 No 460
Butcher Order No 2993

Scientific - Metallurgy, steel.

February 1953

~~Secret~~
Study of the Deoxidation of Steel by Vacuum
Melting, by J. Thomas, L. Moreau,

FRENCH, per, Revue de Metallurgie, Vol XLIII,
No 7/8, 1946, pp 204-207.

25 285

Brutcher Tr 3350
9. 90

Scientific - Min/Metals

Jul 55 CTS

The Role of Intergranular Boundaries in the
Deformation of Metals. Application to Slip
and Fatigue, by Ch. Crussard, 6 pp.
UNCLASSIFIED

Full translation.

FRENCH, per, Revue de Metallurgie, Vol XLIII, No 11,
12, 1946, pp 307-312.

Navy Tr 614/NRL 396

Jun 52 CTS

Scientific - Engineering

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1956 V53 P1-33 SA-2663 <??>
1957 V54 P185-188 ANL-TRANS-641 <??>
1962 V59 P915-952 3182 <BIS??>

ORDER FROM NTC

Massinon, J.
DETERMINATION OF OXYGEN IN STEELS BY THE
DIFFUSION OF ALUMINUM. 5 Nov 48, 5p. (figs.
tables refs. omitted).
Order from SLA \$1.10 62-18442

Trans. of Rev[ue] de Métallurgie (France) 1947,
v. 44 [no. 5/6] p. 174-179.

DESCRIPTORS: *Steel, *Oxygen, Determination,
*Aluminum, Diffusion, Oxides, Metallurgical analysis.

(Metallurgy--Ferrous Metals, TT, v. 9, no. 3)

62-18442

1. Massinon, J.

Office of Technical Services

62-18441

Meunier, F. and Sebillé, J.
CAUSES AND EFFECTS OF THE PRESENCE OF HY-
DROGEN IN WELDS. 6 Oct 48, 10p. (figs. refs.
omitted).

Order from SLA \$1.10 62-18441

Trans. of Revue de Métallurgie (France) 1947
[v. 44, no. 5/6] p. 180-186.

DESCRIPTORS: *Welds, *Steel, Fracture (Mechanics),
Gases, *Hydrogen, Chemical precipitation.

If hydrogen or reducing gases rich in hydrogen are
present during welding, hydrogen atoms may go into
solution in the metal in amounts which may be several
thousand times greater than those in solution at ordin-
ary temperature; The base metal adjacent to the line of
fusion occurring at a very high temperature will absorb,
by diffusion, quantities of hydrogen several hundred
(Metallurgy, TT, v. 9, no. 4) (over)

I. Meunier, F.
II. Sebillé, J.

Office of Technical Services

The Effect of Wetting. The Influence of Non-Corrosive
Liquids on the Strength of Solid Bodies, by Carl
Benedicks, 18 pp.

FRENCH, per, Revue de Metall, Vol LXV, No 1/2, 1948,
pp 9-18.

SLA 59-10071

ATT-63-20127 (REPP)

Sci - Electron
Sep 59
Vol 2, No 1

97,763

The Preparation of Metallic Powders by
Igneous Electrolysis, by J. L. Andrieux. 34p.
FRENCE, per, Revue de Metallurgie, Vol 45,
1948, pp 49-59.
IICH-8717

See Tr. 2083

Sci-M&M
Jul 66

306,057

Oxidation of Aluminum at a Low Temperature, by
N. Cabrera, 17 pp.
FRENCH, par, Revue de Metallurgie, Vol XLV,
No 3/4, 1948, pp 86-92. F01124567
AEC SC-T-67-0923

331,087

Sci - Materials
Aug 67

63-10026

Valensi, G.
NEW APPLICATION OF THE THEORY OF OXIDATION
OF METALS HAVING TWO OXIDES. [1962] 8p.
(tables formulae [refs.] omitted).
Order from SLA \$1.10 63-10026

I. Valensi, G.

Trans. of *Revue de Métallurgie (France)* 1948 [v. 45,
no. 7] p. 205-210.

DESCRIPTORS: *Oxides, Metals, *Oxidation, Theory,
Thermodynamics, *Metallic compounds.

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

Office of Technical Services

On Relative Problems of Carburization and Decarburization
in Steel, by F. E. Harris.
FRENCH, per, Rev de Metall., Vol 45, 1948, pp 347-355.
*NBS TT 71-55262
Available NBS Only

July 71

Electrochemical Capacity of Metals, by
G. Chausson, P. Aubertin.

FRANCOIS, per, Revue de Metallurgie, Vol. 47,
No 10, 1948, pp ~~402-422~~ 410.

CSDD 2683

Bcl - Henderson, M/N
Aug 68

341,376

Determination of Alumina in Aluminium and its
Alloys, by H. Tournaire

FRENCH, Rev. Metall., 46 (5), 294-296, May 1949

Aluminium Laboratories, LTD, Tr No
B-TM-79-52 OT/173

Scientific - Metallurgy

Analysis of a Solidification Texture of the
Basaltic Type, by J. J Herenguel, 21 pp.

FRENCH, per, Rev. Met, Vol XLVI, No 5, 1949,
pp 309-314.

S.I.A. Tr 57-12

Sci - Engineering
May 57

47,800

61-20498

Boulanger, Christian.
STUDY OF INTERNAL FRICTION. II. EXPERIMENTAL TECHNIQUE. [1961] [19p. (18 figs., refs. omitted).
Order from SLA \$1.60 61-20498

I. Boulanger, C.

Trans. of Revue de Métallurgie (France) 1949, v. 46, p. 321-329.

DESCRIPTORS: *Internal friction, Damping, Elasticity, Mathematical analysis, Stresses, Relaxation time, *Iron, *Steel, Nickel, Ferromagnetic materials, Metals, Structures, Oscillation, Excitation, Temperature, Vibration, High frequency, Measurement, Liquids.

(Metallurgy--Structural, TT, v. 7, no. 4)

Office of Technical Services

<p>Boulanger, Christian. A STUDY OF INTERNAL FRICTION. III, EXPERI- MENTAL RESULTS. [1961] [21]p. (15 figs. refs. omitted). Order from SLA \$2.60 61-18907</p>	<p>61-18907 I. Boulanger, C.</p>
<p>Trans. of <u>Revue de Métallurgie</u> (France) 1949, v. 46, p. 329-338.</p>	<p>185496</p>
<p>DESCRIPTORS: *Internal friction, *Iron, *Steel, Carbon, Nitrogen, Lattices, Relaxation time, Solu- bility, Diffusion, Structures, Mathematical analysis, Stresses, Damping, Ferromagnetic materials, Fatigue (Mechanics), Elasticity, Eutectics.</p>	<p>Office of Technical Services</p>
<p>(Metallurgy--Structural, TT, v. 6, no. 9)</p>	

Surface Tension and Viscosity of Synthetic Slags,
by P. Kosobovitch, 20 pp. UNCLASSIFIED

Full translation.

FRENCH, per, Rev Met, Vol XLVI, No 8, pp 505, 1949,
Part I.

CIA/FID/X-914

Scientific - Chemistry
Jun 53 CPS/DEX

2677

Surface Tension and Viscosity of Synthetic Slags,
by P. Kosakovich, 20 pp. UNCLASSIFIED

Full translation.

RUSSIAN, per, Rev Met, Vol XLVI, No 9, pp 572,
1949, Part II.

CIA/TID/X-915

Scientific - Chemistry
JUN 53 CTS/DEX

2678

Cruceard, C. and Aubertin, F.
A THERMOELECTRIC AND THERMODYNAMIC
STUDY OF AL-BASE ALLOYS CONTAINING Mg,
Si, Fe OR Ti. [1964] [30p] (figs omitted) 14refs
Order from SLA \$1.40 TT-64-10230

Trans. of Revue de Metallurgie (France) 1949, v. 46,
p. 661-675.

(Metallurgy, TT, v. 12, no. 2)

TT-64-10230

I. Cruceard, C.
II. Aubertin, F.

Office of Technical Services

Application of Methods of Statistical Control to
Spectrographic Analysis, by R. Girschig, 18 pp.

FRENCH, per, Rev Met, Vol XLVI, No 11, 1949,
pp 719-726.

SIA Tr 2097

Sci - Mathematics
Sep 57

52,993

Instantaneous Spectrography, by J. J. Orszag. UNCL

FRENCH, par, Rev Mat, Dec 1949, pp 803-806.

British Iron and Steel Ind
(no number given)

Sci-Flyo
Sep 59

98,325

Electrical Resistance of the Anodic Layer and
Optimum Composition of Electrolytic Polishing
Baths, by E. Darinois, X. Esparboin, D. Amine,
C. Chalin. UNCL

FRENCH, per, Rev Mat, Vol XLVII, No 3, 1950,

British Iron and Steel Ind
(no number given)

Sci - Min/Int
Sep 59

98, 116

A New Process of Chromium Plating by Electrodeposition
and Formation of Mixed Alloys by Diffusion,
by F. Galmiche.

FRENCH, par, Revue de Metallurgie,
Vol. XLVII, No 3, 1950, pp 192-200.

CSIRO

Sci - Min/Met
May 62

196, 748

<p>Gérin, M. CHECKERS OF THE MODERN HOT STOVES. 13 Dec 60, 14p. Order from SLA ml\$2.40, ph\$3.30 61-10592</p> <p>Partial trans. of <u>Revue de Métallurgie (France)</u> 1950, v. 47, no. 4, p. 299-305.</p> <p style="text-align: center;">151795</p> <p>(Metallurgy, TT. v. 5, no. 9)</p>	<p style="text-align: center;">61-10592</p> <ol style="list-style-type: none">1. Blast furnaces--Design2. Title: Hot stoves3. Title: Checkers <p>1. Gérin, M.</p> <p style="text-align: center;">Office of Technical Services</p>
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Investigations on the Oxidation of Iron-
Nickel Alloys at Elevated Temperatures,
by J. Bernard, J. Moreau.

FRENCH, per, Revue Metall, Vol XLVII,
No 6, 1950, pp 317-323.

Broken Hill Prop Co Ltd
(CRL/T 86)

Sci - Min/Met
Dec 61

175,702

Studies of the Oxidation of Iron-Nickel Alloys
at Elevated Temperatures, by J. Benard, J. Mass

FRENCH, per, Revue de Metallurgie, Vol XLVII,
No 4, 1950, pp 317-323.

ATS

Sci - Min/Met

Jun 61

156,894

<p>Rémond, V. HOT STOVES IN THE FRENCH METALLURGICAL INDUSTRY, tr. by E. U. 4 Jan 61 [25]p. Order from SLA ml\$2.70, ph\$4.80 61-10590</p>	<p>61-10590 1. Blast furnaces--Design 2. Metallurgy--France 3. Title: Hot stoves 1. Rémond, V.</p>
<p>Partial trans. of <i>Revue de Métallurgie (France)</i> 1950, v. 47, no. 5, p. 375-387.</p>	
<p>151794</p>	
<p>(Metallurgy, TT, v. 5, no. 9)</p>	<p>Office of Technical Services</p>

A Deep Drawing Test for Medium and Heavy Sheet,
by E. Herzog. UNCL

FRENCH, per, Rev Met, Vol XLVII, May 1950,
p 399.

British Iron and Steel Ind
(no number given)

Sci - Min/Mot
Sep 59

98,194

On the Resistance of Stainless Chrome-Nickel Steels
To the Corrosion of Industrial Sulfuric Acids, by
J. N. Defranoux, 26 pp.

FRENCH, per, Revue de Metallurgie, Vol LVII, No 6,
1950, pp 447-454.

S. I. A. Tr 570/56

Sci - Min/met
Aug 56 CIS/sex

38,371

Plastic Deformation in Iron and Mild Steels,
by Ch. Boulanger.
FRENCH, per, Revue de Metallurgie, Vol XLVII, Jult 1950,
pp 547-557.
BISI 3914

Sci-Engr
Feb 65

274,543

Distribution of Inclusions in Forged Steel, by
P. Cattier.
FRENCH, per, Revue Metall, Vol 47, No 8, 1950,
pp 633-636.
CRL/D.728
Vol 17, No 3, 1969

July 69

385-196

Oxygen-Enriched Blast in Bessemer Steelworks, by
P. Coheur, et al. UNCL

FRENCH, per, Rev Met, Vol XLVII, No 9, Sep 1950,
pp 693-705.

British Iron and Steel Ind
(no number given)

Sci - Mlu/Met
Sep 59

98,069

Methods of Modifying Top Gas Composition and
Their Influence on the Utilization of Heat
in the Blast Furnace, by P. Thierry, J.
Szczeniowski.
FRENCH, par, Revue Met, Vol 47, 1950,
pp 739-759.
BDSI 4654

Sci - Methods and Equipment
Dec 66

314,467

A Direct Cause of Flaking, by J. G. Platon, 25 p.

FRENCH, per, Rev de Metallurgie, 1950, Vol XLVII,
No 11, pp 856-862.

SLA 59-20796

Sci
Mar 60
Vol 3, No 1

111,017

Blowing of a Blast Furnace with High Top
Pressure, by Pol-Michel Andre.
FRENCH, per, Revue de Metallurgie,
Vol XLVII, No 12, 1950, pp 873-888.
SLA TT-64-18575

Jan 67

318,666

Le Chatelier's Principle and Its Applications
in Metallurgy, by M. B. Bever and R. Rocca,
17 pp.

Full translation.

FRENCH, per, Rev. Mat., No 48, ~~190155X~~ 19 Oct
1950, pp 363-368.

AEC Tr 1193

Scientific - Physica

Manufacture and Properties of Basic Bessemer
Steels with Low Nitrogen, by P. Coheur, L. Marbaix,
H. Nepper, L. Dor. URCL

FRENCH, per, Rev Met, Jan 1951, pp 17-46.

British Iron and Steel Ind
(no number given)

841 - Min/Met
Sep 59

98,068

Thermoelectric Study of Recrystallization of Copper-Zinc Alloys, by P. Laurent, H. Eugler, 12 pp.

Full ~~xxxxx~~ translation.

FRENCH, rev. de Met., Vol XLVII, No 12, France, 1951, pp 970-974

AEC Tr 1336

Scientific - Chemistry, Minerals, Metallurgy, Metals

Aug 52 OTS DEX

The Contribution of Electrolytic Polishing to the
Physics and Chemistry of Metals, by P. A. Jacquet,
34 pp.
FRENCH, per, Revue de Metallurgie, Vol XLVIII,
1951, pp 1-16.
AEC-SC-T-64-~~21~~1911

Sci-~~Chem~~ *m/m*
Dec 64

269,946

<p>Cyther, J. and Denys, A. NOTE ON THE OPERATION ON RUN-OF-MINE ORE OF A LARGE FRENCH BLAST-FURNACE WITH A HEARTH 6.50 METERS IN DIAMETER. [Oct 51] 18p. (3 figs. omitted). Order from SLA ml\$2.40, ph\$3.30 60-18601</p> <p>Trans. of Revue de Metallurgie (France) 1951, v. 48 [no. 2] p. 73-84.</p>	<p>60-18601</p> <p>1. Blast furnaces--Operation 2. Cast Iron--Production I. Cyther, J. II. Denys, A.</p> <p>Office of Technical Services</p>
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(Metallurgy--Ferrous Metals, TT, v. 5, no. 2)

Alterations of the Structure of Aluminium During
Creep, by G. Wyon, C. Crussard.
per
FRENCH, Rev Metall, Vol XLVIII, Feb 1951, pp 121-130.

Fulmer Research Inst^l 17, P 22331T

WEur - France

<p>Rocquet, P. and Thibaut, C. G. STATISTICAL STUDY OF SOME FACTORS IN RE- LATION TO THE COMPOSITION OF THE IRON FROM THE BLAST-FURNACE. [July 52] 21p. 2 refs. Order from SLA ml\$2.70, ph\$4.80 60-18602</p>	<p>60-18602 1. Cast Iron--Properties I. Rocquet, P. II. Thibaut, C. G.</p>
<p>Trans. of Revue de Metallurgie (France) 1951. v. 41 [no. 4] p. 303-313.</p>	<p>142,843</p>
<p>Significant correlations were found between the tem- perature and sulfur, and the silicon and manganese content of the iron. Basicity seems to be quite inde- pendent of temperature.</p>	<p>Office of Technical Services</p>
<p>(Metallurgy--Ferrous Metals, TT, v. 5, no. 2)</p>	

On the Determination and Practical Importance of the
Chemical Nature of Electropolished Metal Surfaces,
by P. A. Jaquet, M. Jean

FRENCH, Rev. Metall., 48, 537-547, 1951.

Associated Electrical Industries, LTD
Tr No T/433 OT/155

Scientific - Metallurgy

Regulation of the Working of the Thomas Blast
Furnace With a Constant Wind Rate, by P.
Thierry.

FRENCH, per, Revue Metall, Vol LXVIII,
No 2, 1951, pp 619-628.

Broken Hill Prop Co Ltd
(CRL/T.101)

Sci - Engr

191, 710

Apr 62

Metallographic Etchant Showing the Start on Inter-
granular Precipitation in Al-Mg Solid Solutions, by
J. Esrenghel, H. Scheidecker.

FRENCH, par, Rev Metall, Vol XLVIII, 1951, pp 659-664.

Fulmer Research Institute
Trans No OT/50 23

WEur - France
Scientific - Metallographic, Chemistry, Solutions,
etchant

Index Aeronauticus

Fatigue of Metals -Notched Bolts- (Results
of Tests Conducted at Swiss Federal Institute
for Testing Materials in 1948-1950), by M.
ROB.

FRESCH, per, Revue de Metallurgie, Vol XLVIII,
No 10, 1951, pp 723-733.

19,507

Brutcher Tr

No 2959

5,90

Scientific - Minerals/Metals CTS/DEX

Properties of Vacuum-Melted Steels Containing 25% Chromium, by J. Hochmann.

FRENCH, Revue de Metallurgie, Vol XLVIII, 1951,
pp 734-750.

Butcher Trans No 2981

Scientific - Metallurgy, steels, chromium

Results of Fatigue Tests Under Progressive Load, by
Marcel Frot, 3 pp.

Full translation.

FRENCH, per, Rev de Met, Vol XLVIII, France, 1951,
pp 822-824.

CIA/FDD 2-28

also known as No 287

WE - France

Scientific - Minerals/Metals, Fatigue tests, ~~Progressive~~
~~Load~~

Oct 52 CTS/DEX

Micrographic Study of the Oxidation of
Iron and of the Transformations of Ferrous
Oxide, by G. Chaudron, R. Collongues.
FRENCH, per, Rev. Met. Vol 48, Dec. 1951,
pp 917-922.
BISI 4881

Sci-MEM
Jul 66

306.486

Study of the Phenomena of Recrystallization by
Electron Microscope, by G. W. Rathennu

Full translation.

FRENCH, per, Rev. de Met., Vol XLVIII, No 12, 1951,
pp 923-928.

AHC Tr 1337

Scientific - Chemistry, minerals, metals

Aug 52 CTS DEX

Spectrographic Study of Diffusion of Cu and Mg
in Alloys of Al-Cu-Mg and Al-Zn-Mg-Cu, by
M. Renouard.

FRANCE, par, Revue de Metal, Vol 48, 1951,
pp 944-957.

*Lit: Doc Stand TT 70-57917

Sci-Chem
Jul 70

Corrosion Inhibitors and Promoters in Liquid
Media, by L. Cavallaro, A. Indelli, 12 pp.

FRANCE, per Revue Metal, Vol. XLIX, Feb 1951,
pp 117-124.

SLA Tr 1852

Sci - Min/Met

53,309

Sep 57

The Technique of the Melting and Casting of Metals
and Alloys in A High Vacuum, by W. Fischer,
O. Winkler.

Full translation.

FRENCH, Rev Metall, Vol 45, No 3, pp 211-220, 1952.

TPA3/TIB Tr No T 4059

at the time of the 7th 233
Scientific - Metallurgy

Index Aeronautics, EE March 1953

Eugene, F.
CONTRIBUTION TO THE STUDY OF THE WEAR OF
CUTTING TOOLS. [1962] (figs., formulae, tables, refs.,
omitted).
Order from SLA 51.60 62-18106

Trans. of Revue de Métallurgie (France) 1952, v. 49,
[no. 4] p. 267-282.

DESCRIPTORS: *Cutting tools, Standards, Resistance,
*Friction, *Temperature, Tool steel.

(Machinery, Fabrications and Accessory Equipment,
TT, v. 9, no. 5)

62-18106

F. Eugene, F.

Office of Technical Services

Study Of the Effect Of Crystal Orientation On the
Oxidation Rate Of an Aluminium Magnesium Alloy
by J. Herenguel and P. Lelong.

FRENCH, per, Revue De Metallurgie, Vol XLIX, No 5,
1952, pp 374-378.

CSIRO

Oct. 62

New Method of Producing the Rare-Earth Group of
Metals by Means of Heat, by C. Decrely, J. Van Impe,
D. Fytgat, 10 pp. UNCLASSIFIED

Full translation.

FRENCH, par, Rev Met, Vol XLIX, pp 458, 1952.

CIA/FDD/X-910

Scientific - Chemistry
Jun 53 CTS/DEX

2297

Investigations of the Mechanism of the Oxidation of
Single Crystals of Iron, by Jean Bardolle, Jacques
Benard, ~~et al~~

FRENCH, per, ~~Revue de Metallurgie~~, Vol XLIX, No 9,
1952, pp 613-622.

Navy Tr 1400/NRL 583

Sci - Min/Metals
Dec 56 CTS

41, 156

Operation of Metallurgical Reduction Furnaces
by Airless Working, by L. Pottecher,, 3 pp.

FRENCH, per, Revue Metall, Nov 1952,
No 49, pp 811-814.

Broken Hill Proprietary
Co Ltd (CRE/T.154)

Sci - Engr
Nov 61

174 373

The Manufacture of Basic Bessemer Iron and
the Dephosphorization of Basic Bessemer Steel by
Soda Slags, by F. Mounier. UNCL

FRENCH, per, Rev Ist, Vol XLIX, Dec 1952, pp 876-
882.

British Iron and Steel Ind
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