

Developments in Refractory Materials for
Reheating Furnace, by J. P. Kiehl, J. Montagnier,
FRENCH, per, Rev. Mat., Vol 62, Dec. 1965,
pp 1219-1223.
BISI 4799

Sci-MGM
Jul 66

306,472

Contribution to the Study of the Forgingability
of Stainless and Heat Resisting Steels in the
Brough Cast State, by J. Ballot, M. Hugo.
FRANC!, per, Rev. Met., Vol 63, 1966, pp 7-16.
BIBI 484)

314,775

Sci - Methods and Equipment
Jan 67

Observations on the Influence of Some
Alloying Elements on the Kinetics of
Pearlite Formation, by P. Ravizza, W.
Micodemi.
FRENCH, per, Rev. Mat., Vol 63, Jan. 1966,
pp 17-21.
BIBI 4841

Sci-Materials
Oct 66

33,153

The Influence of Analysis on the Impact
Value Anisotropy of Various Carburizing
Steels, by P. Ravizza.
FRENCH, per, Rev. Met., Vol 63, Jan. 1966,
pp 23-26.
BISI 4845

Sci-MAG
jul 66

200-748

Mechanical Properties, Texture and Fibrous
Appearance of 17 percent Chromium Steels, as
a Function of Manufacturing Conditions, by E.
Pouillard, J. Drain.

FRENCH, per, Rev Met., Vol 63, Feb 1966,
pp 87-103.
BIBI 4949

314,550

Sci - Mechanical, Industrial,
Civil, and Marine Engineering
Jan 67

The Structure of 18-4-1 Type High Speed Steel
and Its Influence on the Life of Cutting Tools,
by K. Lassota.
FRENCH, per, Rev. Met., Vol 63, Feb 1966,
pp 105-116.
BIBI 4883

314,548

Sci - Mechanical, Industrial,
Civil, and Marine Engineering

Jan 67

Finishing Operations for Large Mill Trains, by J.
Lessege.

FRENCH, per, Rev. Met., Vol 63, Feb 1966, ~~pp 153-164.~~

RISI 4967

313,310

Sci - Materials
Nov 66

Finishing operations in small Section
walls, General Consideration, by M.
Desvallees.
FRENCH, PUR, Rev. Int., Vol 63, Feb. 1966,
pp 165-167.
BISI 4968

Sci-Tech Indus Civ Marine Eng'r
Oct 66

310,474

Finishing Operations for Small Section
Mills, by R. Gove.
FIENCI, por, Rev. Let., Vol 63, Feb. 1966,
pp 168-172.
SISI 4969

Sci-techn Indus Civ Engg Engr
Let 66

310,483

Influence of Thermomechanical Treatment on
the Formation of Subsequent Fracture in
Quenched Steel, by K. Mazzucco, L. Syscock.
FRENCH, per, Rev. Met., Vol 63, Mar 1966,
pp 217-223.
BIBI 4884

319,866
Sci - Mechanical, Industrial,
Civil, and Marine Engineering
Mar 67

Economic Aspects of Finishing, by
A. Bonaud.
FRENCH, per, Rev. Int., Vol 63, Nr.
1966, pp 242-246.
SISI 4978

Sci-Ma.
Aug 66

508,774

The Effect of Surface Defects on the Mechanical
Properties of Thin-Wall Tubes in 304-Stainless
Steel, by L. de Wilde, J. Dresselmaers,
FRENCH, per, Rev. Met., Vol 63, No 4, 1966,
pp 313-318.
BISI 5488

Sci/Materials
Jun 67

327,607

Automatic Apparatus for Measuring the Work-Hardening Coefficient (n-Meter), by M. Grombach.
JEWEL, pat., Rev. Nat., No 63, Apr 1966,
pp 347-350.
RIMI 5159

319,902

Sci - Mechanical, Industrial
Civil, and Marine Engineering
Mar 67

Contribution to the Study of Oxygen Distribution in Rimming Steel Ingots, by J. Duflot.
FRENCH, per, Rev. Met., Vol 63, May 1966,
pp 333-395.
RISI 5149

349,036

Sci - Materials
Feb 67

Study of the Machinability of Free-Cutting
Steals Using Radioactive Tools, by F.
Vodopivec.

JINRCH, par, Rev Met, Vol 63, May 1966,
pp 407-413.

BIBI 5077

Sci - Mechanical, Industrial,
Civil and Marine Engineering

Dec 66

314,473

Presentation of French Publications on Electron
Microfractography, by J. Plateau, H. de Ladiris.
FRANCE, par, Revue Met., Vol 63, May 1966, pp 423-437.
BIBI 5015

313,302

Sci - Materials
Nov 66

Contribution to the Study of Several Variables which Affect the Cathodic Protection of Steel, by M. A. Guillen, S. Feliu.
FRENCH, per, Revista de Metallurgia, Vol 2, No 6, 1966, pp 519-532.
GB/DEF/NSTIC 1907-68

Sci-Mat
Feb 69

375,411

Research Into the Causes of the Insta-
gility of Mechanical Properties in Very
Thick Welded Joints, by R. Dassau, G.
Dassau.

FRENCH, per, Rev. Met., Vol 63, 1966,
pp 521-527.
BIBI 5114

319,881

Sci - Mechanical, Industrial.
Civil, and Marine Engineering

Analysis of Non-Metallic Products by X-Ray
Fluorescence Spectrometry, by A. Wittmann.
FZKZCH, par, Rev Mat., Vol 63, Jun 1966,
pp 529-539.
BIBI 5.68

314, 506

Sci - Materials
Dec 66

Radioactive Tracer Study of the Cleanliness of
Bottom-Poured Steel, by A. Kohn, J. Arnoult.
FRENCH, per, Rev. Met., Vol 63, Sep 1966,
pp 667-672.
BIBI 5305

324,249

Sci - Materials
Apr 67

The Determination of Heating Schedules for
Large Forged Ingots, by A. Ruest, Y. Morillon.
FRENCH, per, Rev. Met., Vol 63, Sep 1966,
pp 673-671.
BISI 5242

319, 349

Sci - Mechanical, Industrial
Civil, and Marine Engineering
Feb 67

Measurement of the Length of Hot or Cold Bars in
Steel Mills, by C. Lachenait
FRENCH, Rev. Met., Sept., 1966, Vol 63,
pp 691-706
BISI 5372

Sci - ~~Miss~~
July 67

Contribution to the Study of Metallurgical
Factors Affecting the Dimensional Stability
of Steels, by P. Daval.
J. Mat., per, Rev. Mat., Vol 13, Sep 1966,
pp 707-717.
RDX 5401

321,815

Sci - Materials
Apr 67

The Irsid Hot Hardness Testing Machine and
Examples of its Application, by P. Rabbe,
G. Pomay.
FRENCH, per, Rev. Met., Vol 61, No 9, 1966,
pp 719-724.
BISI 5489

Sci/Materials
Jun 67

327,608

The Principal Methods for Measuring the Resistance to the Propagation of Cracks. Analysis of Some Results, by R. Touillet.
J. Engng. Mat., Rev. Sect., Vol. 37, Sep 1966,
pp. 729-731.
*6131 5550

TM 637

Sci/Materials
May 67

Mathematical Study of the Solidification of
Medium-Hard Steel Ingots, by A. Kohn and T.
Morrison.

PHYSICS, part, Rev. Met., Vol 63, Oct 1966,
pp 779-790.
KISTI 5584

Sci-Materials
Oct 67

343,121

Yield Points and Creep at Room Temperature in
Austenitic Stainless Steels, by R. Castro and
J. J. de Cadenet.
FRANCHE, per. Rev Mat, Vol 63, Oct 1966, pp 803-
814.
BISI 5392

Sci-Mat
Dec 67

346,582

Estimation of the Dephosphorising Power of Over-
Oxidised Slags, by P. Kosakowitch, P. V. Hiboud.
Bull. Soc. Chim., par, et al., Vol 83, 1966, pp 871-876.
DB-I 5570

Sci/Carter
Aug 68

363,066

weights in the Iron and Steel industry, by J. B.
Torrey and L. Charpy.
FRANCIA, per, Gov. at, Vol 63, Nov 1966, pp 921-
927.
SLSI 53A

SCI- AT
Apr 63

352,178

Effects of Manganese and Nitrogen on the Strength of
Herritic-Carbide Steel, by J. D. Gossler.
Trans. per. Rev Mat., Vol 63, Nov 1966, pp 939-
941.
•BISI 6153

Sci-Mat
Mar 68

Relationship Between the Ferrite Content and the
Forgeability of 18/8-Type Stainless Steel, by
A. Nasi, F. Mancini.
FRENCI, per, Rev. Met., Vol 63, Dec. 1966,
pp 977-984.
BISI 5396

Sci - Mat

Jun. 67

Object

340,067

Some Remarks on the Hot Torsion Rupture of
Austenitic and Ferritic Alloys, by P. E. White.
FRENCH, per, Rev. Met., Vol 63, No 12, 1966,
pp 991-998.
BISI 5766

Sci/Materials

Feb 68

345,984

Establishment of an Equivalence Between the Time
and Temperature of Austenitization Application
to Heat Treatments and Welding, by P. Maynier.
FRENCH, Jour. Rev. Met. Mat. Sci., Vol 63,
Dec 1966, pp 997-1016.
BISI 5954

Sci-Hat
Apr 69

377,761

The Determination of Nitrogen in Steels and Irons
By Reduction Melting, by E. Juddon.
FRENCH, per, Rev. Mat., Vol 63, 1966, pp 1025-1031.
BISI 5719

Sci/Mater
Aug 68

363,078

Enthalpy of Two Blast Furnace Slags, by
A. Ferrier.
FRENCH, per, Rev. Mat., Vol 61, 1967, pp 15-19.
BISI 5960

Sci/Fat
Oct 68

363,349

Effect of Aluminium on the Structure and
Properties of Mn-V Steels for Large Forgings,
by A. Ambros.
FRENCH, per, Rev. Mat., Vol 64, Jan 1967,
pp 53-59.
RISI 5970

Sci-Mat
Jan 69

370,760

The Difficulties of Gas Sampling from the Point
of View of its Continuous Analysis, by J. L.
Fourmenton.
FRENCH, per, Rev. Met., Vol 64, Jan 1967, pp 61-70.
MISI 5885
NII R&D INTELL. (338.)

Sed/Mat
Feb 68

349,494

Standard Gas Mixtures and Their Use in Iron
and Steel Works, by J. Burtois.
FRENCH, per, Rev Met, Vol 64, Jan 1967,
pp 73-80.
*BIBI 7887

Sci-Materials
Jan 670

Infra-red Radiation Analysers, by H. Pierrard.
FRENCH, per, Rev. Met., Vol 61, No 2, February
1967, pp 119-125.
BISI 6634

Sci-Flat
May 69

382,437

The Effect of Bright Annealing on Some Properties
of Austenitic Stainless Steels, by P. Devore
FRENCH, per, Rev. Met., Vol 64, No 2, 1967,
pp 171-175.
BISI 5730

Sci/Materials
Feb 68

345,983

Bibliographic Study of the Effect of Rare Earth Metal Additions on the Properties of Steel, by E. Anderson and J. Syredborough.
TRANSL. per. RIV. Met., Vol 64, No 2, 1967,
pages 177-183.
BIBI 5656

Sci/Materials
January 1968

341,919

Tube Rolling on Stretch Reducing Mills, by
B. Fazan & P. Blain.
FRENCH, per, Rev. Met., Vol 64, Mar 1967,
pp 209-225.
BISI 5702

Sci/Mat
Mar 68

351,032

Contribution to the Study of Tempering in Two
Heat-Treatable Steels, by M. Jaspert.
FRENCH, per, Rev Met., Vol 64, Apr 1967, pp 349-
359.
BISI 5895

Sci-Mat
Apr 68

352.185

Contribution to the Study of Inclusions in Extra-Mild Rimming Steels, by A. Kohn, N. Ancey.
FRENCH, per, Rev. Met., Vol 64, No 4, April 1967,
pp 377-392.
LISI 5826

Sci-Mat
Apr 69]

379,761

Study of Some Complex Cupro-Nickel Alloys With
Improved Properties, by J. Tiguet, et al.
FRENCH, par, Revue Metallurgie, Vol 64, No 4,
1967, pp 393-399.
MLL Ref: 9022.4 (67/404)

Sci/Mat
Mar 69

376,940

Considerations on Automatic Control of the
Thermal State of a Blast Furnace, Based on Anal-
ysis of Furnace Gases, by C. Staib
FRENCH, per, Rev. Met., Vol 64, May 1967,
pp 437-446.

BIBI 6221

(C. 1967) (S. 1967)

Sci-Materials
Feb 69

369,570

Mechanical Properties at Elevated Temperatures
of Seamless Tubes in Plain Carbon Steels,
by A. Salment and J. Iverni.
Trans. Faraday Soc., Vol 63, July-Aug 1967,
pp 635-648.
WORL 5910

Sci-Materials
Oct 67

Study of Sulphides in Steels and the Effect
of Various Additions on Their Composition,
by R. Poyet
FRENCH, per, Rev. Met., No 64, July/Aug 1967,
pp 653-673.
BIBI 6052

Sci-Materials
July 68

350,831

Analysis of Blast Furnace Gas by Gas-Solid
Chromatography, by G. Jecko & B. Reynaud.
FRENCH, per, Rev. Mat., Vol 64, July-Aug 1967,
pp 681-686.
EISI 6180
NLL RR: 9022.06 (W80)

Sci/Mat
May 68

358,164

Mascent Chlorine Blowing Process in Metallic
Baths from Liquid Carbon Tetrachloride Blown
Using Porous Refractories. Application to
Selective Refining of Manganese in Cast Iron,
by P. Karinthi
FRENCH, per, Brevet de Metallurgie, Vol 9,
1967, pp 721-740.
ILL Ref: 9022.4 (67/377)

Sci-Materials
July 68

360,872

Calculation Method for Generators and Coppers,
by J. Szczepiowski.
FRANCHE, per. Rev Int., Vol 64, Oct 1967, pp 809-
834.
MSI 6271

Sci-Mat
Jul 68

359,925

Fundamental Study of Rolling Torques in the Shap-
ing Passes, by C. Lachennait, J. C. Albert.
FRENCH, per. Rev Mat., Vol 64, 1967, pp 835-886.
HISI 6133

Sci-at
Jul 68

359,937

Analysis of Decarburization Products in Carbon
Steels, by V. Detrez.
FRENCH, per, Rev Mat, Vol 64, Oct 1967,
pp 887-896.
EISI 6407

Sci/Mat
Nov 68

370,079

Kinetic Study of the Reduction of Iron by CaCO₃,
by L. Coururier.
MILCOI, per, Rev. Met. Vol 64, No 11, 1967,
p. 929-
*DIAI 7759

sci/materials
nov 69

Heat Transfer in the Blast Furnace,
by J. Cochery,
FRENCH, per. Rev. Met., No 11, 1967,
pp 945-960.
BISI 7758

Sci/Mat
Sep 70

Automatic operation and Study of Transient
Conditions for Two Blast Furnaces Fed with
Sinter, by P. Guillemain.
FRENCH, per, Rev. Met., Vol 54, Nov 1967,
pp 961-986.
BISI 6275

Sci/Lat
May 68

353,170

Some Observations on the Carbides in High-Speed
Steels, by L. Colombier.
FRANC., por, Rev. Met., Vol 64, Nov 1967,
pp 987-994.
WISI 6187

Sci./at
May 60

358,167

Influence of Nitrogen on the Creep
Characteristics of 18-8 Steels With
Molybdenum Containing Small Quantities
of Boron, by A. Morcior.
PRENICH, por, Rev. Met., Vol 64, December
1967, pp 1085-1094.
BISI 6520

Sci/Materials
Jan 69

353,161

Austenitic Stainless Steels with an Improved
Elastic Limit, by J. Bourrat.
FRENCH, per, Rev Mat, Vol 64, Dec 1967,
pp 1095-1114.
HISI 6541

Sci/Mat
Dec 68

354,442

Treatment of codex obtained from Industrial
by-products; for the Manufacture of powder and
explosives, by G. Lanza, A. Turin.
ITALY, Ser. Rev. Act., Vol 64, No 12,
N 1127-1143.
SLI 6986
(P) 1/2 DC

sci/ materials
nov 69

396,950

Controlled Rolling - A Factor in the Development of
Steels for Welded Structures, by J. H. van der Veen,
VREUX, per. Rev. Met., Vol 65, No 1, 1963, pp 1-11.
RISI 6609

Sci/Met
May 70

Experimental Studies of the Relationship
Between the Solidification and Heterogeneity
of Steel Ingots, by J. Comon.
FRENCH, per, Rev Met., Vol 65, Jan 1968,
pp 13-24.
PAISI 6732 CONFIDENTIAL

Sci/Mat

Considerations Concerning the Anisotropy of the
Mechanical Characteristics of Forged Steel Parts,
by I. Nicodemi, et al.
BRASIL, por, Rev. Met., Vol 65, No 3, March 1968,
pp. 205-210.
GISTI 6826

Sci.-at
May 60

SS2,404

Autoradiographic Study of Solidification of
Steel Ingots, by A. Kohn.
PRLENCH, per, Rev. Met., Vol 65, No 4, April 1968,
pp 245-255.
BISI 6862

Sci-Mat
Apr 69

379,743

The Effect of Non-Metalli: Inclusions
on Certain Mechanical Characteristics
of Steel, by T. Buch, J. Chodorowski.
PRAMCHI, por, Rev. Met., Vol 65, April
1968, pp 269-276.
BISI 6637

Sci/Materials
Jan 69

353,143

Study of the Functioning of the Bosh and Tuyere
Zone in the Liege Experimental Furnace, by R. Jon.
FRENCH, por, Rev. Met., Vol 65, No 5, 1968,
pp 317-332.
B1SI 6718

Sci-Mat
Mar 69

377,324

Improvements in the Technique of Fume Cleaning
by Collection without Combustion on Oxygen
Converters, by M. Huysman and A. Maubon
FRENCH, per, Rev. Met., Vol 65, May 1968,
pp 333-343.
BIBI 6793

Sci-Materials
Feb 69

369,581

Clean Steel Production by Stirring Steel in the
Ladle with a Propeller, by M. Imai, et al.
JINNOI, per, Inv. No. Vol 65, No 6, 1968,
pp 409-410.
MSI 6814

sci/ materials
sept 69

390,949

Effect of Deformation on Cucleation of Cu-Al
Complexes in Cu-Al Alloys, by A. Morillo.
FRANCHE, per, Revue de Metal, June 1968, pp 427-430.
*Nat Bur Stand TT 70-57952

Sci-Chem
Jul 70

Creep Behavior of an Ni-Cr-Mo Alloy. Study of
the Stress-Temperature-time Correlation, by
J. Collin.

FRENCH, par., Rev Met., Oct 1968, pp 91-103.
NLL Ref:9022.401 (746-219)

Sci-Materials
Feb 70

401,461

The Feasibility of Installing Large-Capacity
Elect Runicles in Lorraine, by J. Richard
Hillman, Jr., Sov. Let, Vol 65, No 10, 1968,
pp 627-649.
A.D.I. 7059

Sci/ material:

SC : t69

390,917

Resistance to Pitting Corrosion of Chromium-Nickel-Molybdenum Stainless Steel Produced in the Normal Way with High Frequency or Remelted Under Electro-Conductive Slag (ESR), by S. Steinemann.
FRENCH, per, Rev. Met., Vol 65, October 1968,
pp 651-658.
BISI 7100

Sci-Mat
May 69

382,480

Sintering of Iron Oxes on Carbon, by H. Boucraut
No. 100143.
JOURNAL, JUR. MUS. INT., Vol 65, No 12, 1968,
pp. 33-344.
ASA 7309

Sci/ Materials
Sept 69

393,028

Study of the Evolution of the Nitrogen Content
in the Metal, from Mixer to Casting in Steel
in the Thomas Converter, by R. Hoff and
F. Grandpierre,
FRENCH, per. Rev. Met., Jan., 1969, pp 1-23.
BISI 8412

June 71

DELBART, G. and ROUSSEAU, P. Report on the standardization of siderurgical products in France and abroad. Pt 3, Revue Métall. (2):87-101 (1969) (CRL/D. 885)