

Brittleness of Special Steels in the As-Cast
Condition; Influence of Impurities, by A
R. Castro, A. Queussier.

FRENCH, per, Revue Met, No 2, 1960, pp 135-148.

BISI 1816

Sci - M/M

Oct 60

129, 132

Experimental Investigation of Solidification
Cracks in Steels: The Influence of Impurities,
by A. Guesseier, R. Castro.

FRESCH, par, Revue de Metallurgie, Feb 1960,
p 117-134.

BIBI 1824

135,562

Sci - Min/Met

Rivière, M.
THE NOTION OF ADOMINUM IN THE BURNER
AND THE HEATING OF MARTIN FURNACES.
[1960] [10]p. 2 refs
Order from SLA in \$1.80, pb \$1.80 61-10626

Trans. of Revue de Metallurgie (France) 1960, v. 57,
no. 5, p. 297-307.

(Metallurgy, IT, v. 5, no. 10)

61-10626

1. Open hearth furnaces
Heating
1. Rivière, M.

151594

Office of Technical Services

Application of the Locati Method for Testing
the Fatigue Limits of Automobile Parts, by
C. Daubertes, J. Beuret.

FRENCH, per, Revue de Metallurgie, Vol LVII,
Apr 1960, pp 337-346.

DDI 3238

Sci - Engr, M/M
Jul 63

235,713

Differential Determination of Oxygen in Metals by
Bromination-Reduction, by R. Durand, F. Houyrigat.

FRENCH, per, Revue de Metallurgie, Vol LVII,
Apr 1960, pp 347-353.

BISI 1796

Sci - Min/Metals

168, 481

Sep 61

list 109

Towards International Standardization of Reports on
Blast-Furnace Trials, by C. O. Thibaut.

FRENCH, per, Revue de Metallurgie, Vol LVII, No 1,
1960, pp 379-386.

BISI 1895

Sci - Eng

Jun 61

154, 820

Possibilities Offered by the O.L.P. Process for the
Production of Dead-Soft Rimming Steels for Deep
Drawing, by J. Samson.

RUSSIAN, per, Revue de Metallurgie, May 1960,
pp 387-395.

~~-SISI-1049-~~ (withdrawal)
* British Iron & Coal Trades Review

Sci - Engr

Oct 60

Decamps, G. USE OF COLD GASEOUS COMBUSTIBLE FOR THE HEATING OF OPEN-HEARTH FURNACES. 23 Jan 61. 7p. Order from SLA m\$1.80, ph\$1.80 61-10623 Trans. of Revue de Metallurgie (France) 1960, v. 57, no. 5, p. 397-400. 151797 (Metallurgy, TT, v. 5, no. 9)	61-10623 1. Open hearth furnaces-- Operation 2. Gases--Pressure 1. Decamps, G. Office of Technical Services
--	--

Thomson, G. CONCLUSIONS TO BE DRAWN FROM RECENT STUDIES OF THE COMBUSTION OF OPEN HEARTH FURNACES. [1960] [23]p. 11 refs. Order from NIA on \$2.00, plus \$1.80 61-10633 From: <i>Revue de Metallurgie (Paris)</i> 1960, v. 57, no. 5, p. 401-407. NIA Publication, NIA A A [sic] no. 237, 1960. (Metallurgy, 11 - 5 - no. 10)	61-10633 1. Open hearth furnaces Theory 1. Thomson, G. 101500 Office of Technical Services
--	--

H. Margot-Marette

Fusibility and Crystallisation of Basic
Steelworks Slag Containing Small Amounts of
Phosphates.

FRENCH, per, Revue de Metallurgie, Vol 61,
1964, pp 709-713

NTC 72-60316-11F

sept 72

The Hydrogen Embrittlement of Metals. The Effect
of Crystal and Electron Structure, by P. Blanchard,
A. R. Troiano.

FRENCH, per, Revue de Metallurgie, Vol LVII, No 6,
1960, pp 409-422.

NZDIA

ATS-70 P62F

Sci
Jun 63

The Rapid Determination of Iron in Bessemer
Slags by X-Ray Fluorescence in Steel Works, by
Harvang, et al.

FRENCH, per, Revue de Metallurgie, Vol LVII, Ma
1960, pp 423-436.

BISI 2074

Sci - Engr

156859

Jun 61

Study of Scale Formed on Strip During Hot-Rolling,
by M. Cagnet, J. Moreau.

FRENCH, per, Revue de Metallurgie, Vol LVII, No 5,
1960, pp 437-444.

BISI 1873

Sci - Engr

Jul 61

161,050

Use of the Large 80-Ton Arc Furnaces at the Breuil
Steelworks of the Societe des Forges et Acieries
du Creusot (with Discussion), by J. Colin.

FRENCH, par, Revue de Metallurgie, Jan 1960,
pp 481-490.

REF 1870

Sci - Eng

145,056

Mar 61

The Influence of Vacuum Casting on Certain
Properties of Steels (Sheet), by L. Colombier,
C. Royer.

FRENCH, per, Revue de Metallurgie, Jun 1960,
pp 491-499.

BISI 1855

Sci - Min/Met

134, 014

Choice of Steel With High Yield Point for Welded
Containers at High Temperatures and Pressures, by
J. H. Roux. (for Service)

FINCH, per, Revue de Metallurgie, No 6, 1960,
pp 507-519.

NDX 1889

Sci - Eng

Feb 61

141,409

Life of Ingot Moulds - Investigation of Scatter -
Progress to be Made, by J. Duflot, J. Durand,
J. G. Margerie.

FRENCH, per, Revue de Metallurgie, Vol LVII,
Jul 1960, pp 573-587.

NDI 2892

Sci - m/m

Jan 63

List 157

2-19

Non-Destructive Electronic Microfractography,
by E. Menocarelli,

FRANCE, per, Revue Metallurgie, Vol XVII, No 8,
1960, pp 576-588.

CR008 1992

Art
Maur-France
Electronics
Jan 63

220,877

Present Position of Large-Capacity Arc Furnaces
in Steelworks, by R. Boutigny, C. Barbasanges.

FRENCH, per, Revue de Metallurgie, Vol LVII,
Jul 1960, pp 589-600.

BISI 2024

Sci - Engr

Jun 61

156,870

Boulin, R., Coulombes, J., and Jaudon, E.
**DETERMINATION OF TOTAL NITROGEN IN CAST
IRON AND STEEL** [1961] 16p. (7 tables 1 fig. 24 refs.
omitted).

Order from SLA \$1.40

61-16463

Trans. of Revue de Metallurgie (France) 1960 [v. 57,
no. 7] p. 623-630.

DESCRIPTORS: *Cast iron, *Steel castings, Nitrogen,
Determination, Metallurgical analysis

A survey is presented of the state of the art.

Metallurgy--Ferrous Metals, TT, v. 6, no. 6)

61-16463

I. Boulin, R.
II. Coulombes, J.
III. Jaudon, E.

176529

Office of Technical Services

Contribution to the Study of Embrittlement in
Special Steels: Analogy of Various Types of
Brittleness Observed in Ferrite and Austenitic
Steels, by R. Castro, A. Guesnier.

FRENCH per, Revue de Metallurgie, Vol LVII,
Aug 1960, pp 715-724.

BIBI 1970

Sci - Min/Met

May 61

148,194) only
AS Kennedy TR-AC-162

64-10634

Septier, L. and Riviere, M.
PRINCIPLE REMARKS MADE AFTER THE VISIT
OF EIGHT AMERICAN OPEN HEARTH FURNACE
SHOPS. (1960) 5p.
Order from SLA \$1.10

64-10634

Partial trans. of Revue de Metallurgie (France) 1960,
v. 57, no. 9, p. 801-802.

DESCRIPTORS: Open hearth furnaces

(Metallurgy. TT. v. 6, no. 1)

I. Septier, L.
M. Riviere, M.

PP 777-883
BIN 25-6
(101600)
101600

Office of Technical Services

The Problem of the Quality of Large Steel Forgings,
by P. Bastien.

FRENCH, per, Revue de Metallurgie, Vol LVII,
1960, pp 815-826.

BIBI 2067

Sci - Min/Met

Jun 61

154, 819

Reduction of Iron Ores and the Use of
Sponge Iron or Reduced Ores, by
I. Astier.

FRENCH, par, Revue de Metallurgie,
Vol 57, 1960, pp 867-880.
NTS 72-11211-11F

May 72

New Possibilities in Metallurgy Thanks to the
Reactions Obtained by the Injection of Pulverulent
Materials Into Liquid Metals, by M. Allard.

FRENCH, per, Revue de Metallurgie, Vol LVII,
Nov 1960, pp 985-989.

BISI 1968

Sci - Min/Met

Jul 61

161,049

The Determination of Oxygen in Liquid Thomas Steel. Techniques for Taking a Liquid Sample and its Analysing for the Gas, by J. Marot, I Harveng.

FRENCH, per, Revue de Metallurgie. Vol LVII.
Nov 1960, pp 991-997.

BISI 2106

Sci - Min/Met
Jun 61

156874

The
~~xxxx~~ Phenomena of Beading and Fat

The Phenomena of Beading and Flattening of the
Rolls in Four-High Mills, by B. Pazan.

FRENCH, per, Revue de Metallurgie, Vol LVII,
No 11, 1960, pp 1003-1018.

ISI 3341

Sci - M/M
Nov 63

241,683

Structural Phenomena Related to the Hot Rolling
of Rimmed Steel Sheet, by V. Berruti, et al.

FRENCH, per, Revue de Metallurgie, Vol LVII,
Nov 1960, pp 1019-1031.

BISI 2055

Sci - Min/Met

156,535

Jun 61

Study of the Heterogeneity of Large Working Regions,
by G. Pequeux, et al.

FRANCE, par, Revue de Metallurgie, Vol LVIII.
Dec 1960, pp 1091-1105.

BISI 2373

CPL/7. 252

SLI - Engt

175, 863

Dec 61

Colombier, L.
EFFECT OF BORON ON THE CREEP PROPERTIES
OF 18-8 STEELS. [1962] [4]p.
Order from SLA \$1.10

62-16204

Trans. of Revue de Metallurgie (France) 1960, v. 57
[no. 12] p. 1105-1106.

DESCRIPTORS: *Steel, *Creep, *Boron, Castings,
Rupture, Chemical reactions, Tests, Statistical
analysis, *Heat resistant alloys.

(Metallurgy--Ferrous Metals, TI, v. 8, no. 4)

62-16204

1. Colombier, L.

Office of Technical Services

Determination of Carbon in Low-Carbon Steels and
Ferro-Alloys, by R. Desirat.

FRENCH, per, Revue de Metallurgie, Vol LVII,
Dec 1960, pp 1125-1132.

BSI 2374

Sci - Min/Metals

Mar 62

list 119

186,258

Determination of Oxygen by Reductive Fusion in
Argon, by M. Hanin.

FRENCH, per, Revue de Metallurgie, Vol LVII,
Dec 1960, pp 1133-1141.

BIBI 2375

AEC 527E

906697E

186, 929

Sci - min/metals

Mar 62

list 121

Quaternary Slags $\text{CaO-MgO-Al}_2\text{O}_3\text{-SiO}_2$: Initial
Crystallization Temperature and Fields of Crystalliza-
tion on Constant Magnesia Planes, by G. Cavalier,
M. Sandree-Doudou.

FRENCH, per, Revue de Metallurgie, Vol LVII, No 12,
1960, pp 1163-1167.

DISC 2265

Sci - Chem

Jul 61

160, 157

High Top Pressure and Various Injections:
Experience Gained on the International Low-Shift
Furnace at Liege, by E. Benneure.

FRANCE, Revue de Metallurgie, Vol LVIII,
Jan 1961, pp 13-24.

RISI 2210

Sci - Eng

10-1, 781

Jul 62

List 138

The Kaldó Process at Solles, by R. Colmant, et al.

FRENCH, par, Revue de Metallurgie, Vol LXIII,
Jan 1961, pp 39-43.

REMI 2327

WBar - France

Boon

Sep 61

list 110

168, 447

62-10205

Collette, G., Roederer, C., and Crussard, C.
STUDY OF NITROGEN PRECIPITATION IN PURE
IRON-NITROGEN ALLOYS BY MEANS OF INTER-
NAL FRICTION AND TENSILE TESTS; APPLICA-
TION TO THE AGEING OF LOW CARBON STEELS.
[1961] 26p. 14 refs.
Order from SLA \$2.60

62-10205

Trans. of Revue de Metallurgie. Memoires Scien-
tifiques (France) 1961. v. 58, no. 1, p. 61-72.

DESCRIPTORS: *Iron alloys. *Nitrogen alloys. Pre-
cipitation. Internal friction. *Steel. Aging Mechanical
properties.

(Metallurgie. FT. v. 7, no. 9)

- I. Collette, G.
- II. Roederer, C.
- III. Crussard, C.

Office of Technical Services

Study of the Refractory Properties of Blast
Furnace Slags by Means of Spherical Specimens,
by R. Zoja.

FRENCH, per, Revue de Metallurgie, Vol LVIII,
Feb 1961, pp 131-136.

NIMH 2702

Sci - Engr

196, 162

May 62

list 133

CONTRIBUTION TO THE KNOWLEDGE OF THE PHENOMENA
PRODUCED DURING THE ANNEALING OF COLD ROLLED MILD
STEEL FOR DEEP-DRAWING, BY G. O'DONE, V. BERRUTI.

FRENCH, PBR, REVUE DE METALLURGIE, VOL LVIII,
FEB 1961, PP 165-176.

BISI 2719

SCI - ENGR

AUG 62

206,195

LIST L42

The Determination of Nitrogen in Steel, Iron and
Ferro-Alloys, by J. Calmette, E. Guinot.

FRENCH, par, Revue de Metallurgie, Vol LVII, Oct 1960,
pp 925-933.

NDI 2166

Sci - Min/Metals

Sep 61

168, #68

List 108

Analysis of Hydrogen, Oxygen and Nitrogen in Metals
Under Reducing Conditions in Argon, by J. Emscart, J.
Marot.

FRENCH, W., Revue de Metallurgie, Vol LVII,
Oct 1960, pp 911-917.

AEC TR 52-12 9067001
NINI 2187

168,470

Sci - Chem

Sep 61

List 108

Application of Chromatography to the Analysis
of Gas Mixtures Extracted From Metals by Vacuum
Melting Under Reducing Conditions, by C. Beque,
L. Champetier.

FRENCH, per, Revue de Metallurgie, Oct 1960,
pp 919-923.

AEC TR 5573
BISI 2010 9066992

Sci - Phys

Apr 61

149,776

The Determination of Nitrogen in Steel, Iron and
Ferro-Alloys, by J. Calmettes, H. Guinot.

FRENCH, per, Revue de Metallurgie, Vol LVII, Oct 1960,
pp 925-933.

NDI 2166

Sci - Min/Metals

Sep 61

List 108

168, #68

Messia, G.

APPLICATION OF LD (BASIC OXYGEN) PROCESS
TO HIGH PHOSPHORUS PIG IRON. TECHNIQUE
USED AT POMPEY STEELWORKS. Apr 62. 1300
words.

Order from HB \$3.00

HB-5290

Trans. of Revue de Metallurgie (France) 1960
v. 57, no. 10, p. 947-954.

DESCRIPTORS *Cast iron, Processing, Phosphorus,
Oxygen. *Steel industry

(Metallurgy--Ferrous Metals, TT, v. 8, no. 4)

62-17091

- I. Messia, G.
- II. HB-5290
- III. Bratcher, Henry,
Altadena, Calif

Office of Technical Services

Application of Gas Phase Chromatography to the
Determination of Hydrogen, Nitrogen and Oxygen in
Iron and Steel, by P. Tyou, A. Hans.

FRENCH, per, Revue de Metallurgie, Vol LVIII,
Feb 1961, pp 187-193.

BIBI 2174

Sci - Chem

Mar 62

list 121

186, 928

Refractories for the Checkerwork of Open-Hearth
Furnaces, by J. Montagnier.

Refractories, per, Revue de Metallurgie, Vol LVIII,
Mar 1961, pp 249-256.

BISI 2703

Sci - Engr

204, 618

Jul 62

1106141

A Contribution to the Study of Metal Flow From
a Nozzle, by J. Chodaille, P. Etienne, E. Lepicard,
et al.

FRENCH, per, Revue de Metallurgie, Vol LVIII,
Mar 1961, pp 257-266.

BISI 2738

Sci - Min/metals

Sep 62

211, 274/

Can We Produce Electric Furnace Steel With
Less Than Two ML Hydrogen Per Hundred
Grams, by N. Chvorinov.

FRENCH, per, Revue de Metallurgie,
Vol LVIII, No 3, 1961, pp 271-275.

HB 5235

Sci - Engr
Dec 61

175.002

Study of the Expansion of Zircaloy-2 Tubes, by
J. Jay, et al.

FRENCH, per, Revue de Metall, Vol LVIII, No 4, 1961,
pp 351-362.

UKAEA-Risley Tr-324
Available on loan only

Sci - Mat & Met

Jul 63

238,335

Guarantees of Shock-Resistance in Specifications
for Constructional Steel, by M. de Kerversen.

FRENCH, per, Revue de Metallurgie, Vol LVIII,
May 1961, pp 393-400.

ENC 260

NTU 260

Sci - Engr

Jul 62

List No 57

203.439

Application of Vacuum Bubbling to the Degassing
of Metals in the Ladle, by J. Verge, J. Duflot,
E. Spire, et al.

FRENCH, per, Revue de Metallurgie, Vol LVIII,
Jun 1961, pp 465-482.

BISI 2944

Sci - min/metals

Oct 62

212,273

list 149

Influence of the Chemical Composition and in
Particular the Carbon Content on Weldability, by
P. Rousseau.

FRENCH, per, Revue de Metallurgie, Vol LVIII, Jun
1961, pp 527-535.

BIBI 2747

Sci - Chem

203,515

Jul62

List 136

THE APPLICATION OF ELECTRONICS IN ROLLING MILLS, BY
M. PFISTER.

FRENCH, PER, REVUE DE METALLURGIE, NO 7, 1961,
PP 589-598.

BISI 2700

SCIENCE-ELECTRON

AUG 62
LIST 144

207,139

Ravizza, P. and Giacomazzi, V.
THE SOLIDIFICATION OF STEEL INGOTS UNDER
THE INFLUENCE OF A BASE COOLED BY WATER
RECYCLING. [1962] 11p. (12 figs. refs. omitted).
Order from SLA \$1.60 62-14425

Trans. of Revue de Metallurgie (France) 1961, v. 58,
no. 8, p. 655-[660].

DESCRIPTORS: *Steel castings, Crystal structure,
Liquid metals, *Cooling, *Water.

This work studies the development of isothermal
solidification surfaces under the cooling action of the
mold walls and the mold stool as well as the effect
proclaimed by the use of a stool cooled by circulating
water. This latter method accelerates solidification
beginning with the bottom of the ingot; improves the
crystalline structure; and reduces the total time of
solidification thereby avoiding the possible scaling off
(Metallurgy--Ferrous Metals, TT, v. 8, no. 2) (over)

62-14425

- I. Ravizza, P.
- II. Giacomazzi, V.

Office of Technical Services

Cabane, M.
THE ROLLING OF CONTINUOUSLY CAST BILLETS
OF SPECIALITY STEELS. (1962) (12)p.
Order from SLA \$1.60 62-10742

Trans. of Revue de Metallurgie (France) 1961, v. 58
[no. 8] p. 661-665.

DESCRIPTORS: Steel, Casting, *Cast steel, Rolling
mills, *Steel castings, Production.

A major problem created by continuous casting is its
adaptation to existing steelplant processing equipment
and procedures. There appears to be no basis for ob-
jection to the use of continuously cast material in the
rolling operations. On the contrary, the use of con-
tinuous cast material makes possible the more effec-
tive and profitable usage of rough-shaping and sur-
face conditioning operations. The rolling operation is
also made easier by the use of continuously cast
material. (Author)

62-10742

I. Cabane, M.

Metallurgy--Ferrous Metals,
TT, v. 8, no. 5)

Office of Technical Services

Recent developments in extrusion and drawing at
high Temperatures using glass as a lubricant, by J.
Schourmet.

FRENCH, per, Revue Metall., Dec , 1961, pp 7-1029
ACI \$0.10

Sci -

Sep 67

140.212

Study of the Structure and Properties of
Granular Interfaces by the Use of Oriented
Monocrystals of Pure Aluminum, by Claude Goux,
69 pp.

FRANCE, par, Revue de la Metallurgie, Vol LVIII,
No 9, 1961, pp 661-667. 9667665

NAVY/ML Tr 911 (3264)

Sci M/M
Feb 63

223,595

The Principal Uses of Blast Furnaces Slag, by
G. Delbart.

FRENCH, per, Revue de Metallurgie, Vol LVIII,
No 11, Sep 1961, pp 723-734.

NTSI 2615

Sci - Engr

May 62

196, 196

list 132

Contribution to the Study of Gas Flow
During Grate Sintering Operation,
by J. Richard; H. Roucraut; H. Heidemann.
GERMAN, per, Rev. Mat., 1961, 58, 15 Oct.,
Special No. 6 - 16.
*BISI 4089

Sci. Met & Mat
Mar 65

injections Into the Blast Furnace,
by J. Cordier.
FRENCH, per, Rev. Mat., Vol 58,
15 Oct 1961, pp 92-116. (Special Edition)
BISI 4296

ML-France
Sci/H&M
Jan 66

293,214

Study of Finishing Operations With a View to
Improving Their Efficiency, by M. Bourd,
C. Lachenait.
FRENCH, par, Revue de Metallurgie, Vol LVIII,
No 9, 1961, pp 751-763.
BIS 31422

Sci - Chem
Sep 64

267,012

Nitrogen in Cast Irons, by N. Vol'dansk.
FRENCH, par, Revue de Metallurgie, Vol LVIII,
No 9, 1961, pp 779-787.
BUEI 3626

Sci - M/M
May 64

258,897

Study of the Introduction and Diffusion of Rare
Gases in Metals. by Y Aida

FRENCH, PER Revue Metall. Vol. 58. No. 10. 1961.

pp 743-756

GB 60/ISTIC 1661

/

Sci -

Aug 67

559-401

Septier, L., Vezard, P., and Rajon, C.
EXPERIMENTAL USE OF NATURAL GAS FOR
FIRING OPEN-HEARTH FURNACES. [1962] [26]p.
(13 figs. refs. omitted).
Order from SLA \$2.60

62-14223

Trans. of Revue de Metallurgie (France) 1961, v. 58,
no. 10, p. 807-821.

DESCRIPTORS: *Open hearth furnaces, *Natural gas,
Mechanics, Combustion, Steel industry

(Metallurgy, TT, v. 8, no. 6)

62-14223

I. Septier, L.
II. Vezard, P.
III. Rajon, C.

Office of Technical Services

**The Principle of Nitriding Baths Testing With
Mild Carbon Steels, by O. Schenker.**

**FRANCE, par, Revue de Metallurgie, 1961,
no 833-837.**

DOC 305

**Sci M/M
Feb 63**

222,495

On the Cavities Observable in Aluminium and Its
Alloys, by C. Renon, J. Calvet.

FRENCH, per, Revue de Metallurgie, 1961,
pp 835-846.

MI/T.519

Sci-M/M

Aug 63

~~342,046~~
342,046

Pneumatic Tubes in Steelworks, by J.
Gouyou-Beauchamps.

FRENCH, per, Revue de Metallurgie, Vol LVIII,
No 10, 1961, pp 849-856.

ISI 2653

Sci - Engr

196, 165

May 62

List 133

Metallurgical Factors in the Machinability of
Steels, by P. Bastien.

FRENCH, per, Revue de Metallurgie, Vol LVIII,
Nov 1961, pp 981-990.

BISI 2717

~~Sci~~Sci

Dec 62

Recent Developments in the Hot Piercing and Extrusion with Glass Serving as Lubricant, by J. Sejournet.

FRENCH, per, Revue de Metallurgie, Vol 58, No 12, Dec 1961, pp 1029-1037.

HB 5649

Sci-Math Equip

Dec 67

346,563

CLAD STAINLESS STEEL PLATES, BY P. BASTIEN.

FRENCH, PER, REVUE DE METALLURGIE, VOL LVIII,
DEC 1961, PP 1039-1048.

BISI 2830

SCI - MIN/ METALS

~~XXXXXXXX~~ AUG 62

~~XXXXXXXX~~ LIST 143

3

207,136

Heat Treatments for Facilitating the Machining
of Steel, by H. Koalzer.

FRENCH, par, Revue de Metallurgie, Dec 1961,
pp 1059-1065.

ETC 329

Sci - Engr
Mar 63

224,436

Research Into Optimum Heat-Treatment for
Machining at Low Cutting-Speeds, by E. Benngartl,
E. Koch.

FRENCH, par, Revue de Metallurgie, Vol LVIII,
No 12, 1961, pp 1079-1086.

BTC 328

Sci - Engr
Mar 63

224,440

RECARBURISATION BY INJECTION OF POWDERS: A SUMMARY
OF THE RESULTS OBTAINED BY IRSID, BY J. RAGUIN.

FRENCH, PER, REVUE DE METALLURGIE, VOL LIX,
FEB 1962, PP 93-109.

BISI 2917

SCI - PHYS

NOV 62

217,662

LIST 151

A Torsional Simulation Method for Determining the
Influence of Hot Rolling Conditions on the Structure
of S a Steel, by C. Rossard, P. Elain.

FRENCH, per, Revue de Metallurgie, Vol LIX, 1962,
pp 223-236.

MMI 2940

Sci - M/M
Feb 63

223,602

Potentiokinetic Study of Iron and Steel Passivity With
Simultaneous Microscopical Observation, by M. Froment.
FRENCH, per, Revue de Metallurgie, Vol LIX, No 3,
1962, pp 223-232.
CEGB 2894

Sci - M/M
Apr 64

235,125

THE INFLUENCE OF COPPER AND TIN ON THE INTRINSIC
FORGEABILITY OF MILD STEELS, BY F. E. WHITE,
C. ROSSARD.

FRENCH, PER, REVUE DE METALLURGIE, VOL LIX,
MAR 1962, PP 237-241.

BISI 2928

SCI - M/M

OCT 62
LIST 154

214,809

Elimination of Corrosion Products: Pickling Steel
in Hydrochloric Acid Medium, by S. Monnece,
A. Mahe.

FRENCH, par, Revue de Metallurgie, Vol LIX, No 3,
1962, pp 249-254.

RTI 2961

Sci - M/M
Aug 63

342,160

Creton, F., Giacomazzi, U., and Caveri, E.
STUDY OF THE INFLUENCE OF SEVERAL VARI-
ABLES ON THE BEHAVIOR OF DUCT MOULDS.
Dec 69 [3p]
Order from SLA \$1.10

TT-64-14013

Partial trans of *Revue de Metallurgie (France)* 1962,
v. 59, no. 4, p. 319-322.

(Metallurgy, TT, v. 12, no. 1)

TT-64-14013

I. Creton, F.
II. Giacomazzi, U.
III. Caveri, E.

Office of Technical Services

Assessment of the Defect Size in Iron and Steel
Products by Ultrasonic Testing, by M. Ferrero,
P. Rovizza.

FRENCH, per, Revue de Metallurgie, Vol LIX, May 1962,
pp 445-450.

REF 3110

Sci - Phys
May 63

230,900

Check Tests of Drawing Sheets and Comparison
With Workshop Results, by N. Jentet.

FRENCH, per, Revue de Metallurgie, 1962,
pp 456-464.

GA/30

Sci-M & M
Jun 63

234,619

Barometric Investment Casting of Uranium, by
H. Ollier, ~~XXXX~~

FRENCH, per, Rev de Metallurgie, No 59, June 1962,
pp 547-551. ~~9205009~~

~~AEC-54-21-47~~

Sci - Met/Met

Apr 63

226,844

The Influence of Addition Elements on the Magnetic
Properties of Forged Steels, by M. Taitot,
C. Roques.

FRENCH, par, Revue de Metallurgie, No 59,
Jan-Aug 1962, pp 631-637.

REF 3207

Sci 2 - M/M
Apr 63

229,307

Welding of Thin Sheet in Stainless Steel 18-8
for the Canning of Fuel Elements, by C. Bridoux,
G. Fischer.

~~FRENCH~~
~~RUSSIAN~~, per, Revue de Metall, Vol LIX, No 7-8,
Jul-Aug 1962, pp 639-650.

EXE UKAEA Springfield
Tr No 116

Sci - Min/Mat
28 Feb 1963

The Effect of Very Low Boron Content
on the Creep Strength of Steels Based
on Type 18-8, by A. Mercier,
J. Hochmann.

FRENCH, per, Rev. Met., Vol 50,
Jul-Aug 1962, pp 651-660.
BISI 4261

Sci/MH
Jul 65

284,684

Operation With High Sinter Percentages and
Fast Driving Rates of Mont-Saint-Martin
No 2 Blast Furnace, by A. Reckner.
FERNON, par, Rev Met., Vol 79, Sep 1962,
pp 699-723.
BISI 4991

319,887

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

Study of the Formation of Red Fumes Produced
by the Impact of a Jet of Oxygen on a Molten
Metal Surface, by G. Urbain.

FRANCH, per, Rev Met, Vol 59, Sept 1962,
pp 725-732.

EISI 5734

Sci/Mat
Nov 68

370,075

The Influence of Alpha-Producing Trace
Elements (Aluminium, Tin) on the
Forgeability of Semi-Hard Carbon Steel,
by P. Bastien, P. A. Portevin.

FRENCH, par, Anna de Metallurgie, Vol LIX,
Sep 1962, pp 751-756.

BIBI 3854

Sci - M/M
Aug 63

34,573

Namy, G.
PROBLEMS OF CONSTRUCTION FOR CONTINUOUS
CASTING MACHINES, Jan 63 [18]p. (figs. omitted).
Order from SLA \$1.60 63-16466

Trans. of Revue de Metallurgie (France) 1962, v. 59,
no. 10, p. 817-827.

DESCRIPTORS: *Industrial equipment, *Casting,
Steel, Machines, Design, Construction, Castings,
Steel industry, Industrial plants.

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

63-16466

I. Namy, G.

Office of Technical Services

The Problem of Flakes in Rolled Billets Study
of the Metallurgical Factors, by M. Ferrero,
FRENCH, per. Rev. Met., Oct. 1962, pp 845-847.
BISI 9174

Sep 71

The Effect of Various Trace Elements on the Forgeability
of Half-Hard Steel, by P. A. Portevin.

FRENCH, per, Revue de Metallurgie, Vol LIX,
Nov 1962, pp 615-631, Dec 1962, pp 1043-1054.

BIBI 3182

Ses - M/M
Jul 63

235,708

Forging of Disks by Upsetting, by M. Krensis.
FRENCH, par, Revue de Metallurgie, VI 59, No 11,
1962, pp 954-958.
HB 6909

Sci-Met
Dec 67

346.574

Utilization of Concentrates, by J. Astier.

FRENCH, per, Revue de Metallurgie, ~~XX~~ Vol LX,
Jan 1963, pp 9-22.

9 BISI 3380

Sci - M/M
Sep 63

Reduction of an Iron Oxide Film With a Gas,
Part I, by A. Riney, G. B. B. B. B.
FRENCH, par. Revue de Metallurgie, Vol LX,
No 1, 1963, pp 23-37.
BINI 3679

Sci - M/M, Engr
Aug 64
2

265,421