

Schaar, K., Houdremont, E., and others.
EVALUATION OF LONG-TIME CREEP TESTS: DIS-
CUSSION. [1961] [19]p. 18 refs.
Order from SLA \$1.00

61-16203

Trans. of Archiv [für das] Eisenhüttenwesen (West
Germany) 1957, v. 28, Nov, p. 687-694.

DESCRIPTORS: Creep, Stresses, *Steel, Tests

The discussions are presented that followed the pre-
sentation of a paper by Bandel and Gravenhorst (Arch.
Eisenhüttenw. 28: 253-258, 1957).

British Iron + Steel Inst 841

CSIRO

(Metallurgy--Ferrous Metals, TT, v. 6, no. 3)

61-16203

I. Schaar, K.
II. Houdremont, E.

175200

Office of Technical Services

<p>Constant, A[ndré]. RESULTS OF FRENCH CO-OPERATIVE INVESTIGATIONS INTO THE PROPERTIES OF HEAT-RESISTANT STEELS. Rept. on Results of Long-time Creep Tests on Ferritic and Austenitic Steels. [1958] [13]p. 4 refs. Order from SLA \$1.60</p> <p>Trans. of Arch[iv für] das Eisenhüttenwesen (West Germany) 1957, v. 28 [no. 11] p. 695-[702].</p> <p>DESCRIPTORS: *Heat resistant alloys, *Steel, *Steel castings, Creep, Tests.</p> <p>(Metallurgy--Ferrous Metals, TT, v. 6, no. 4)</p>	<p>61-16500</p> <p>1. Constant, A. II. Title: Results ...</p> <p>177860</p> <p>Office of Technical Services</p>
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The Behaviour of Heat-Resisting Steels During Creep Testing at 500-700° C. IV. Results of French Co-operative Investigation Into the Properties of Heat-Resisting Steels, by Constant; Some Results of American Long-Time Creep Tests on Pipe Steels, With Particular Reference to Permissible Design Stresses, by Eberle; Development of Heat-Resisting Materials and Their Testing in Czechoslovakia, by Pluhar; Influence of Nickel on Susceptibility to Embrittlement During Long-Time Creep Testing of Cast Cr-Mo and Cr-Mo-V Steels, by Felix; Variations in the Rate of Creep of a Plain Steel During Long-Time Creep Testing, by Max Johanson.

GERMAN, per, Arch Eisenhüttenwesen, Vol XXVIII, Nov 1957, pp 695; 702; 707; 710; 713.

R/S
~~Co-op Tr Sch Tr 842~~

60,840

Sci - Min/zot Apr 58

Eberle, F.
SOME RESULTS OF AMERICAN LONG-TIME CREEP
TESTS ON PIPE STEELS, WITH PARTICULAR
REFERENCE TO PERMISSIBLE DESIGN STRESSES.
Rept. on Results of Long-time Creep Tests on Ferritic
and Austenitic Steels. [1958] [9]p.
Order from SLA \$1.10

61-16501

Trans. of Archiv für das Eisenhüttenwesen (West
Germany) 1957, v. 28, no. 11, p. 702-706.

DESCRIPTORS: *Steel tubing, Creep, Tests, Stresses,
*Heat resistant alloys, *Steel.

(Metallurgy--Ferrous Metals, TT, v. 6, no. 4)

61-16501

I. Eberle, F.
II. Title: Results ...

177067

Office of Technical Services

<p>Werner, F[elix]. INFLUENCE OF NICKEL ON SUSCEPTIBILITY TO EMBRITTLMENT DURING LONG-TIME CREEP- TESTING OF CAST Cr-Mo AND Cr-Mo-V STEELS. Rept. on Results of Long-time Creep Tests on Ferritic and Austenitic Steels. [1958] [4]p. Order from SLA \$1.10</p>	<p>61-16533 I. Werner, F. II. Title: Results ...</p>
<p>Trans. of Archiv für das Eisenhüttenwesen (West Germany) 1957, v. 28, no. 11, p. 710-712.</p>	<p>177673</p>
<p>DESCRIPTORS: *Cast steel, *Steel castings, *Heat resistant alloys, Creep, Tests, Steel, Fracture (Mechanics), *Nickel, Mechanical properties.</p>	<p>Office of Technical Services</p>
<p>(Metallurgy--Ferrous Metals, TT, v. 6, no. 4)</p>	

<p>Johansson, A[xel]. VARIATIONS IN THE RATE OF CREEP OF A PLAIN STEEL DURING LONG-TIME CREEP-TESTING. Rept. on Results of Long-time Creep Tests on Ferritic and Austenitic Steels. [1958] 3p. Order from SLA \$1.10.</p>	<p>61-16503 I. Johansson, A. II. Title: Results ...</p>
<p>Trans. of <u>Archiv für das Eisenhüttenwesen</u> (West Germany) 1957, v. 28, no. 11, p. 712-713.</p>	<p>177663</p>
<p>DESCRIPTORS: *Steel, Creep, Tests.</p>	<p>Office of Technical Services</p>
<p>(Metallurgy--Ferrous Metals, TT, v. 6, no. 4)</p>	

<p>Murray, J. D., Bungardt, K. and others. RESULTS OF LONG-TIME CREEP TESTS ON FERRITIC AND AUSTENITIC STEELS: DISCUSSION OF PAPERS SUBMITTED TO GROUP 4. [1958] 6p. 4 refs. Order from SLA \$1.10</p> <p>Trans. of <u>Archiv für das Eisenhüttenwesen</u> (West Germany) 1957, v. 28, no. 11, p. 713-715.</p> <p>DESCRIPTORS: *Austenite, *Iron alloys, *Steel, Creep, Tests, Temperature, Heat resistant alloys, Tensile properties, Heat treatment.</p> <p>(Machinery--Manufacturing, TT, v. 6, no. 4)</p>	<p>61-16504</p> <p>I. Murray, J. D. II. Bungardt, K.</p> <p>177663</p> <p>Office of Technical Services</p>
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The **RTg** Behaviour of Heat-Resisting Steels During Creep Testing at 500-700° C. V. Scatter in the Measurement of Long-Time Creep Data, by Schluter; Miniature Creep Tests and Their Evaluation, by K Kelle Stauffer; Statistical Evaluation of Results of Creep Tests as a Means of Establishing Minimum Design Data by Zachokke.

GERMAN, per, Arch Eisenhüttenwesen, Vol XXVIII, Nov 1957, pp 717; 719; 726.

~~Co-op Tr Sch Tr 843~~ 60, 841

Sci - Min/mt
Apr 58

*British Iron and Steel Inst 843
(L 8100)*

<p>Richard, K., Sigwart, H. and others. SCATTER OF RESULTS OF LONG-TIME CREEP TESTS: DISCUSSION OF PAPERS SUBMITTED TO GROUP 5. [1958] 3p. 2 refs. . Order from SLA \$1.10</p>	<p>61-16508 I. Richard, K. II. Sigwart, H.</p>
<p>Trans. of Archiv für das Eisenhüttenwesen (West Germany) 1957, v. 28, no. 11, p. 729-730.</p>	<p>177671</p>
<p>DESCRIPTORS: *Steel, Creep, Tests</p>	<p>Office of Technical Services</p>
<p>(Metallurgy--Ferrous Metals TT, v. 6, no. 4)</p>	

Eckhard, S. and Koch, W.
SPECTROGRAPHIC DETERMINATION OF TRACE
ELEMENTS IN STEEL WITH MOVING ELECTRODES.
Rept. no. 245 of the Chemists' Committee of V[erein]
D[eutscher] E[isenhüttenleute]. [1961] [17] p. 29 refs.
Order from SLA \$1.60 61-16311

Trans. of Archiv für das Eisenhüttenwesen (West
Germany) 1957, v. 28, no. 11, p. 731-738 [Max Planck
Institut für Eisenforschung (West Germany). Communi-
cation 743].

DESCRIPTORS: *Steel, Spectrographic analysis,
*Electrodes, Impurities.

By employing a 1.5 m-grating spectrograph and a high
tension A.C. arc with 4400 V it was possible to lower
the detection limit for aluminum and manganese in pure
iron from 0.0004 to 0.0001% Al and from 0.009 to
0.003% Mn by movement of the electrodes. (Author)

(Metallurgy--Ferrous Metals, TT, v. 6, no. 3)

61-16311

- I. Eckhard, S.
- II. Koch, W.
- III. Max Planck Institut für
Eisenforschung
(West Germany)
- IV. Title: Verein...

175265
British Iron + Steel
Inst. Tr 803
FD0/x-3495

Microanalytic Investigations in Iron Research. Part
III. Application of Microgram Quantities in Metal-
lographic Investigations, by Walter Koch, Hans Malissa,
Dagman Ditges. UNCLASSIFIED

GERMAN, per, Arch fur^e das Eisenhutte¹wesen, Vol XXVIII,
No 12, 1957, pp 1-10.

*Navy Tr/NRL (not yet numbered)

Sci - Min/met
Dec 58

The Mottling of Tinplate, by Eggers, by
UNCLASSIFIED

GERMAN, per, Arch Eisenhüttenwesen, Dec 1957,
pp 777-783.

Iron and Steel Inst Tr 816
(L3.5.0)

Sci - Min/Not
Aug 58

71, 718

Microanalytical Investigations in Ferrous
Metallurgy Metallurgical Research VII. Handling
Microgram Quantities in Metallurgical Investigations
by Koch, et al. UNCL

ORDER, 302, Arch Hissinsuohenen, Dec 1957,
pp 765-794.

British Iron and
Steel Ind ~~40744~~

302 = Min/Mot; Phys
Jan 59

817
79, 781
also Navy Tr 2406/NEL
9676-212 763

Separation de Precipites Peu Solubles, a Partir
de Solutions Tres Diluees, by Carl Mahr,
Horst Klamberg, 30 p.

GERMAN to FRENCH, per, Arch Eisenhutzen, 1957,
Vol XXVIII, No 12, pp 795-800.

CEA-tr-A569

Sci
Feb 60
Vol 2, No 10

The Transformation Characteristics of 12-14%
Chromium Steels, by H. Peter, H. Janda. UMGZ

GERMAN, per, Arch Eisenhüttenwesen, Dec 1957,
pp 807-823.

British Iron and
Steel Ind 1197
(19 10s.03.)

Sci - Mln/Wst
May 59

SLA 61-20595

86,819

Studies of Formation of Nonmetallic Inclusions
in the Decaridation (of Steel) With Silicon,
by W. A. Fischer, and M. Wahlster.

HE GEBMAN, per, Archiv Eisenhüttenwesen, Vol
XXIX, No 1, 1958, pp 1-9.

Henry Drutcher 4416
\$8.90

Sci - Chem

Jan 59

79,599

Operating Experience With Flame Spectrometers in
the Determination of Calcium and Magnesium in Steel
Works Laboratories, by K. Abresch, W. Dobner.

GERMAN, per, Archiv fuer Eisenhuettenwesen,
Vol XXIX, Jan 1958, pp 25-34.

BISI 2271

Sci - Min/Metals

168,489

Sep 61

list 109

A Theoretical Analysis of the Excessively
High Temperatures Occuring During the
Scaling of Pure Iron, by N.G. Schwanl,
H. Baumann, et al.
GERMAN, per, Arch. Eisenh., Vol 29,
Jan 1958, pp 41-46.
BISI 4239

Sci/MGM
Sep 65

389,346

Influence of Grain Transformation on Grain
Size and Structure of Ferrite and Austenite
in Plain 0.15% Carbon Steel, by H. Borchers,
G. Boxhorn, 17 p.
GERMAN, per, Archiv fuer das Eisenhuettenwesen,
Vol 29, No 1, 1958, pp 47-56.
SLA TT-66-10586

Sci-M&M
Jul 66

306,077

Contribution to the System Ferric Oxide,
Ferrous Sulphide, Manganous Oxide, Manganous
Sulphide, by K. Geissler, E. J. Kohlmeier.
UNCLASSIFIED

GERMAN, per, Arch Eisenhuettenwesen, No 1,
1958, pp 57-63.

British Iron and
Steel Ind 1043

Sci - Chem
Nov 58

76, 123

Eutectoid Migration in Transformation Structure of
Low and Medium Alloy Heat-Resisting Steels, by
H. Fusch, H. J. Schueller. UNCL

GERMAN, per, Arch Eisenhuettenwesen, Jan 1958,
pp 65-72.

British Iron and Steel Inst
1057

Sci - Min/Mat
Jan 59

SLA 61-18380

79,817

Considerations Electrochimiques sur les Reactifs
Metallographiques, by Hans Jurgen Engell, 16 p.

GERMAN to FRENCH, per, Arch Eisenhutenwesen, 1958,
Vol XXIX, No 1, pp 73-76.

CEA-tr-A516

Sci

Feb 60

Vol 2, No 10

The Temperature Dependence of Scaling
of Pure Iron in Oxygen, by N.G. Schmahl,
H. Baumann, et al.
GERMAN, per, Arch, Eisenh, Vol 29,
Feb 1958, pp 83-88.
BISI 4238

Sci/MGM
Sep 65

389,545

The Influence of Temperature on the Oxidation of
Pure Iron in Oxygen, by N. G. Schmahl, H. Baumann,
H. Schenck, 21 pp.

GERMAN to FRENCH, per, Arch Eisenhüttenw, Vol XXIX,
1958, pp 83-88.

CEA Tr A-528.

Sep 59

CEL/T 218

The Spectro-Chemical Determination of Phosphorus
in Steel With the Phosphorus Line 3175 Å, by
S. Eckhard. UNCL

GERMAN, per, Arch Eisenhüttenwesen, Feb 1958,
pp 89-94.

British Iron and
Steel 1315
(15 5s.0d.)

Sci - Chemj Phys
May 59

SLA 61-20591

86,779

The Decomposition of Wustite in the Presence
of Metallic Iron After Quenching to Temperatures
Below 570°C, by W. A. Fischer, A. Hoffmann. *WZGL*

GERMAN, per, Arch Eisenhuettenwesen, Feb 1958,
pp 107-113.

SbA 62-14362
BISI 1332

(L5 6a.01,)

Sci - Min/Mat
Oct 59

99,608

Theory of Counter Tubes With a Newly Designed
Specimen Holder for the Determination of Textures
in Quantitative Pole Figures, by J. Grewen, et al.
UNCL

GERMAN, per, Arch Eisenhuettenwesen, Feb 1958,
pp 115-118.

British Iron and
Steel Ind 1196

Sci - Min/Mat
Sep 59

96,353

Representation de textures en diagrammes polaires
quantitatifs par la methode du tube-compteur, a
l'aide d'un nouveau porte-objets, by J. Grewen,
A. Segmuller, et al, 16 pp.

GERMAN to FRENCH, per, Arch Eisenhüttenwes,
Vol XXIX, No 2, 1958, pp 115-118.

Reverse Translation
CEA-A-1348

Sci
Feb 64

The Rate of Scaling of Pure Iron in Oxygen at
Reduced Pressures and in Carbon Dioxide, by
H. G. Schmalz, et al. UNCLASSIFIED

GERMAN, per, Arch Eisenhuettenwesen, Bd 3, 1958,
pp 147-152.

British Iron and Steel Ind 1036
(L3.10.0)

Sci - Min/Mat
Dec 58

78,433

The Oxidation Velocity of Pure Iron in Oxygen Under
Reduced Pressure and in Carbon Dioxide Gas, by N. G.
Schmahl, H. Baumann, 22 pp.

GERMAN to FRENCH, per, Arch Eisenhüttenw., Vol XXIX,
1958, pp 147-152.

Reverse Translation
CEA-Tr-A-527

Jun 59

The Application of Infrared Spectroscopy to
the Determination of Mineral Constituents in
Slags and Refractory Systems, by W. Fepperhoff,

GERMAN, per, Archiv Eisenhüttenwesen, No 3,
1958, pp 153-158.

BISI 1902

Sci - Engr

Mar 61

141,403

The Principal Impurities in Pig Iron and
Their Chemical Determination, by T. K.
Willmer. UNCL

GERMAN, per, Arch Eisenhuettenwesen, Mar 1958,
pp 159-164.

British Iron and
Steel Ind 1226
(13 Sa.03.)

Sci - Min/Met; Chem
Jun 59

89,844

The Extraction of Sulphide Inclusions and
Relation Between the Properties of the Steel
and the Inclusions, by Born. UNCLASSIFIED

GERMAN, per, Arch Eisenhüttenwesen, Mar 1958,
pp 179-187.

British *Iron and Steel Inst*
~~Co-op~~ ~~Tr 949~~ *SV* *Ind*

Sci - Min/Net
Aug 58

SLA 61-18897

68,746

Investigations on the Build-Up of the System
Iron-Chromium-Carbon, by K. Bungardt, E. Kunze,
S. Horn. UNCLASSIFIED

GERMAN, per, Arch Eisenhüttenwesen, Vol XXIX,
No 3, 1958, pp 193-203.

British Iron and Steel Ind 1019

Sci - Min/Mst
Nov 58

76,016

Magnetic Separation of Electrolytically
Isolated Structural Constituents From Metallic
Materials, by W. Koch, H. Sundermann. UNCLASSIFIED

UKHMAN, pos, Arch Eisenhüttenwesen, No 4, 1958,
pp 219-224.

British Iron and
Steel Ind 1028
(14.10.0)

76,040

Sol - Min/Mat
Nov 58

The Influence of Covering Layers on the Stress
Corrosion Cracking, by Hubert Grafen. UNCLASSIFIED

GERMAN, per, Archiv fur das Eisenhüttenwesen, Vol
XXIX, No 4, Apr 1958, pp 225-229. 9676967

Navy 2436/EAL 777

Sci - Engr
Mar 60

OTS 60-21672

109,923

Conditions for Smelting Pure Iron, by Ludwig von
Bogdandy, Rudolf Schmelke, Gerhard Winkler.
UNCLASSIFIED

GERMAN, per, Arch fur das Eisenhüttenwesen. Vol
XXIX, No 4, Apr 1958, pp 231-234. 9676912

NAVY 2465/EARL 782

Sci - Min/ast
Apr 60

113,834

OTS 60-21176

Contributions to Knowledge on the Chill-Aging of
Soft Unalloyed Steels, Primarily From Observations
of Regeneration, by Matthias Hacken, Herbert Sturies.
UNCLASSIFIED

GERMAN, per, Archiv fur das Eisenhüttenwesen, Vol
XXXIX XXXIX, No 4, Apr 1958, pp 235-240. 4676968

Navy 2437/1001 778

NRL

Sec - Min/met
Mar 60

OTS 66-31071

109922

Investigations on the wear of metallic
Carbide Chisels for Turning, Which Can Be
Reduced by Electrical Compensation, by
P. Fehenkamp. URCL

GERMAN, Ger, Arch Eisenhüttenwesen, Vol XXIX,
1958, pp 249-256.

DSIR 54774/GI

Sci - Engr
Mar 59

59, 5474

APPROVED FOR RELEASE: 2005/08/09 CIA-RDP91-00403R000200730062-7

Activity of Manganese in Liquid Iron-Manganese
Carbon Solutions, by H. Schenck,
GERMAN, per. Arch Eisenh., Vol 29, No 5, 1958,
pp 263-267.
BISI 9341

Aug 72

APPROVED FOR RELEASE: 2005/08/09 CIA-RDP91-00403R000200730062-7

Methods of Evaluation and the Sources of
Error in Quantitative Spectrometric Analysis
by Photo-Electric Measurement, by H. Diebel.
UNCL

GERMAN, par, Arch Eisenhuettenwesen, No 5, 1956,
pp 275-281.

BIBI 1459
(L5. 5.(01.)

Sci - Phys
Nov 59

100,484

Theory of Transitional Creep in Metals, by
H. Blank.
GERMAN, per, Arch Eisenh, Vol 29, May 1958,
pp 301-308.
(TMS 1359)
CEGB 3409

313,329

Sci - Materials
Nov 66

Kinetics of Steel Making, by L. von Bogdandy,
W. Dick, I. N. Stranski.

GERMAN, per, Archiv Eisenhüttenwesen, Vol
XXIX, /1958, pp 329-337.
No 6,

Henry Bratcher 4473
\$12.75

Sci - Engr

Apr 59

84,259

Behavior of Liquid Iron and Steel in High
Vacuum, by W. A. Fischer, A. Poffmann.

GERMAN, per, Archiv Eisenhüttenwesen, Vol
XXIX, No 6, 1958, pp 339-349.

Henry Bratcher 4440
\$14.50

Sci - Min/Met, Engvr

Apr 59

84,260

Hot Shortness and Grain Boundary Structure in
Steel, by F. Erdmann-Josnitzer, W. Bernhardt.

GERMAN, per, Archiv Eisenhüttenwesen, Vol XXIX,
1958, pp 353-357.

BIBI 3189

Bel - M/M
Jul 63

235,724

Rolling Textures of Transformer Steel, by
H. Maeller, H. Stabilein. UNCLASSIFIED

GERMAN, *Dr.*, Arch Eisenhuettenwesen, No 6,
1958, pp 377-390.

British Iron and
Steel Ind 1038
(18)

Sci - Min/Mat
Nov 58

SLP 61-18481

75,885

Sampling and Determination of Hydrogen Under
Works Conditions, by H. von Zitter, H. Krainer.
URCL

GERMAN, per, Arch Eisenhüttenwesen, Jul 1958,
pp 401-410.

British Iron and Steel Ind 1050
(L7)

*possibly Henry Brucher

Sci - Chem
Apr 59

84,481

Recrystallization Textures of Cold Rolled
Transformer Steel, by E. Stablein, H. Mosler.
UNCL

GERMAN, par, Arch Eisenhuettenwesen, Jul 1958,
pp 433-447.

British Iron and Steel Ind
1052
(18 5s. ca.)

Sci - Min/Met
Apr 59

83, 840

Effect of Crystal Orientation on the Formation
of Slip Lines on the Surfaces of Alpha-Fe
Single Crystals Subjected to Alternating Bending
Stress, by Kempel, et al. UNCLASSIFIED

GERMAN, per, Arch Eisenhuettenwesen, Band No 8,
1957, pp 433-444.

British Iron and
Steel Ind 719
(IA.10.0)

Sci - Chem
Nov 58

76,328

Koch, W(alter) and others.
THE CARBIDES AND THE CREEP BEHAVIOUR OF
Cr-Mo-V STEELS. [1960].
Order from BISI £5 10s

BISI-714

Trans. of Arch[iv (fr das] Eisenhüttenwesen] (West
Germany) 1957, v. 28[no. 8] p. 445-459.

151913

(Metallurgy--Ferrous Metals, TT, v. 5, no. 9)

61-12875

1. Steel--Creep
2. Carbides--Properties
- I. Koch, W.
- II. BISI-714
- III. British Iron and Steel
Industry Translation
Service

Office of Technical Services

Investigations of the Temperature Dependence of
the Modulus of Elasticity of the Iron-Chromium-Sigma
Phase, by K. Bungardt, W. Spyra. UNCL

GERMAN, per, Arch Eisenhuettenwesen, Aug 1958,
pp 471-477.

British Iron and Steel Ind
E 1339

Sci - Min/Met
Jun 59

(not included in BISI Tr Sv unless
2 or more tr's are requested.)

Investigations Into the Isolation of Grain
Boundary Materials and Inclusions in Steels by the
Thin Section Process, by H. Schonek, et al. URCL

GERMAN, For, Arch Eisenhuettenwesen, ^{Vol 29, No 8} Aug 1958,
pp 479-484.

British Iron and
Steel Ind 1079
CTS 61-18386

Sci - Min/Mat
Feb 59

80,006

The Form in Which Cementite Separates Out of Ferrite,
by Wolfgang Pitsch, Angelica Schrader, 11 pp.

GERMAN, per, Archiv für das Eisenhüttenwesen, Vol XXIX,
No 8, 1958, pp 485-488.

SLA 60-16763

Sci

Apr 62

Vol IV, No 6

190, 284

L'influence de l'atmosphere protectrice pendant
le recuit sur les proprietes magnetiques des
ferrites, by Heck, Weber.

to French

GERMAN, per, Arch. Eisenhüttenwes, Vol XXIX, No 8,
1958, p 495. 9203239

Influence of Annealing Cases on the
Magnetic Properties of Ferrites,
by C. Heck, J. Weber. 16 p.
GERMAN, per, Archiv fuer das Eisenhuettenwesen,
Vol 29, No 8, 1958, pp 495-504.
SLA TT-66-10433

Sci-Phys
Jul 66

306,166

AFC
4(UCRL-Trans-1486(Pt.2)) 5INCORPORATION EXPERI-
MENTS IN SYNTHETIC MULLITE AND SUBSTITUTION EXPERI-
MENTS WITH GALLIUM OXIDE AND GERMANIUM DIOXIDE.
6Gelsdorf, Guenter; Miller-Hesse, Herman; Schwiete, Hans-Ernst.
10Translated for Univ. of California Lawrence Berkeley Lab.,
Berkeley, from 15Arch. Eisenhüttenw.; 29: 513-19(1958). 2012p.
24Dep. NTIS.

26chemistry (inorganic); translations 2707B

28MN-4 29P NSA

High Sensitivity Determination of Sulphur and
the Simultaneous Determination of Carbon and
Sulphur With a Recording Conductivity Apparatus,
by Koch, Eckhard, Malissa. UNCL

GERMAN, per, Arch Eisenhuettenwesen, 1958, No 9,
pp 543-546.

SLH 61-18744/
British Iron and
Steel Ind 1110

Sci - Chem
Feb 59

(23)

80,013

Rapid Examination of Ores and Similar Materials,
A. Neuberger.

GERMAN, per, Arch Eisenhuettenwesen, 1958,
pp 547-552.

CSIRO

Sci - Min/Metals

Jun 60

118,574

Method for Measuring Solution Rate of Corroding
Metals in Air-Containing Solutions, by H. J.
Engel.

GERMAN, per, Archiv fuer das Eisenhuettenwesen
Vol XXIX, No 9, 1958, pp 553-558.

CSIRO

Sci - Min/Mat

191, 739

Apr 62

S-491/164

Recrystallization in Highly Heat-Resistant Materials
With a Nickel-Chromium and a Cobalt-Nickel-Chromium Base,
Base, by Werner Jellinghaus, Wilhelm Wink, 1700.

GERMAN, per, Archiv fuer Eisenhüttenwesen, Vol XXIX,
No 9, 1958, pp 559-566.
n

g
*JPRS/SF-3139/SPECIAL

Sci - M/M
~~Apr~~ 64
May

Rate of Reduction of Iron Oxide by
Hydrogen, by L. von Bogdandy, H. G.
Rieke.

GERMAN, per, Archiv Eisenhüttenwesen,
Vol XIX, No 10, 1958, pp 603-609.

HB 5191

182,761

Sci-Chem

Very Large Spectral Apparatus and Its Use in the
Examination of Iron and Steel, by G. Graue, et al.
UNCL

GERMAN, per, Arch Eisenhüttenwesen, Oct 1958,
pp 619-626.

British Iron and
Steel Ind 1212
(L5 10s.0d.)

831 - Engr
May 59

86,839

Investigation Into Oxide Inclusions Which Can be
Deformed by Hot Rolling and Occur in Rising Steels,
by H. Lessing, H. Malissa. UNCLASSIFIED

GERMANY, Arch Eisenhüttenwesen, Oct 1958,
pp 627-629.

773 517.125
British Iron and
Steel Ind 1213
(23)

Sci - Minerals/Metals
ay 59

85, 784

THE DESPHOSPHORATION AND DEOXIDATION OF PURE
IRON IN THE VACUUM MELTING PROCESS, by W. Janichs,
H. Beck. UNCL

GERMAN, per, Arch Eisenhüttenwesen, Oct 1958,
pp 631-642.

British Iron and
Steel Ind 1957
(15 150.01.)

Sci - Min/Met
Sep 59

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DESCRIPTORS: *Iron, Calcium compounds, Oxides,
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