

国外最近刊行誌参考記事目次

Stahl und Eisen 80 (1960) Heft 23

Investigations on the dissociation rate of carbon monoxide in the blast furnace.

H. SCHENCK, et alius. p. 1681

The effect of different types of lime on the refining process in the basic steel converter.

W. KÖHLER, et alii. p. 1689

Changes in the structure and properties of cast iron in the solid state. W. JELLINGHAUS.

p. 1695

The future of the German scrap supply.

H. P. KILLING. p. 1700

Erection of a new ironworks of Klöchner-Werke AG on the shore of the North Sea.

W. HEEMEYER, et alius. p. 1711

Stahl und Eisen 80 (1960) Heft 24

Report on Experience with the measurement of blast furnace lining wear by means of radioisotopes. R. FLOSSMANN, et alius. p. 1753

The dephosphorisation in the basic steel converter with particular consideration of low contents of phosphoric acid and high contents of lime in the slag. K. G. SPEITH, et alii.

p. 1759

Problems of the operation and lining of large-capacity electric furnaces. O. PORKERT.

p. 1770

New possibilities of diminishing the voltage fluctuations in the electrical systems of steel works. K. P. HAAMANN. p. 1776

Scientific management staff work in the service of top administration. W. TERLUNEN, et alii.

p. 1779

Stahl und Eisen 80 (1960) Heft 25

The evolution of metallurgical processes and operating practices. F. A. SPRINGORUM. p. 1838

Examples from the history of steel shaping. W. OCHEL. p. 1852

The part played by steel in the engineering development during the past hundred years. H. KALLEN. p. 1864

The evolution of engineering and its influence on the cost pattern of iron and steel production. P. RHEINLÄNDER. p. 1878

Meeting of the members of the Verein Deutscher Eisenhüttenleute. p. 1891

Report on the activities of the Verein Deutscher Eisenhüttenleute. K. THOMAS. p. 1892

Stahl und Eisen 80 (1960) Heft 26

The new German standards on surface roughness and their effects on the surface measurement. H. V. WEINGRABER. p. 1933

Testing the resistance to wear of metallic blast

cleaning mediums. P. U. SCHMITHALS et alius. p. 1939

Testing the wear resistance of metallic shot blasting mediums. E. BICKEL. p. 1944

Influence of testing conditions on the wear test results of blast cleaning mediums.

H. KRAUTMACHER. p. 1949

New device for the direct measurement of the carbon potential of furnace atmospheres.

T. SCHMIDT, et alius. p. 1952

Concentration control. Considerations on a regulation system for protective furnace atmospheres. W. RÖVER. p. 1955

The theory of deformation in the light of physical metallurgy. H. P. STÜWE. p. 1963

Archiv für das Eisenhüttenwesen 31 (1960) Heft 11

Der Sperrluftschleier als Konstruktionselement im Industrieofenbau. K. KESSELS, et alius.

s. 633

Gase in Ferrolegierungen. R. LIMPACH, et alius.

s. 639

Gasgehalte und Bindungsform der Gase in Ferrolegierungen. A. FUCHS, et alius. s. 645

Beitrag zur Isolierung und Analyse von Oxydeinschlüssen in Stahl. S. MEYER, et alius.

s. 651

Einfluss einer Verformungsalterung auf die Vorgänge bei der Wechselbeanspruchung von Stahl. H. SCHENCK, et alii. s. 659

Ableitungen zur Begriffsbestimmung thermodynamischer Wirkungsgrößen in Mehrstoffsystemen. H. SCHENCK, et alii. s. 671

Die Ausscheidung des Kohlenstoffs im Eisen. O. KRISEMENT. s. 677

Über das Gefüge und die Härte von Legierungen des Eisens mit kleinen Kohlenstoff- und Nickelgehalten. R. VOGEL, et alius. s. 687

Revue de Métallurgie 57 (1960) No. 9

The influence of the iron oxidation condition of an agglomerate on its treatment in the blast furnace. F. PESCHE. p. 771

The basic Bessemer-electric furnace duplex process. M. BROCARD. p. 775

Electrical equipment of modern arc furnaces. P. BONIS. p. 783

Main observations on a visit to eight American open-hearth steelworks. L. SEPTIER, et alius. p. 797

The contribution of vacuum technique to metallurgy. D. A. DEGRAS. p. 805

The problem of the quality of large steel forgings. P. BASTIEN. p. 815

True deformation during extrusion. J. BUFFET, et alius. p. 827

Revue de Métallurgie 57 (1960) No. 10

The reduction of iron ores and the use in steelworks of iron sponges or reduced ores.

J. ASTIER. p. 867

Graphite electrodes. M. THEILLET. p. 881

Study of steels with and without vanadium for forgings. G. DELBART, et alii. p. 885

Analysis of hydrogen, oxygen and nitrogen in metals by melting under reducing conditions in an argon atmosphere. J. HANCART, et alius. p. 911

Application of chromatography to the analysis of gas mixtures extracted from metals by vacuum melting under reducing conditions.

MME C. BAQUÈ et alius. p. 919

Nitrogen determination in steels, irons and ferroalloys. J. CALMETTES, et alius. p. 925

Application of the L. D. (oxygen blowing) process to irons rich in phosphorus. The technique used at the Pompey steelworks.

G. MESSIN. p. 947

Stal No. 12 (1960)

Magnetic conversion of Krivoy-Rog quartzites by roasting in fluidized bed. V. A. SOROKIN, et alii. p. 1057

Treatment of iron-vanadium concentrates, received from Volkov ores. D. G. KHOKHLOV, et alii. p. 1061

Operation of blast furnace when using screened sinter. S. K. TREKALO, et alii. p. 1063

Optimum design of blast-furnace hearth bottom. A. N. SPEKTOR. p. 1071

Behavior of sulfur when firing open-hearth furnaces by natural gas with self-carburization. S. F. KARP, et alii. p. 1075

Making of killed steel with blowing oxygen into bath of open-hearth furnace.

L. S. RYBAKOV, et alii. p. 1078

Improvement of process of conversion of Kachkanar vanadium-containing pig iron.

A. L. KLEIN, et alii. p. 1081

Optimum service conditions for open-hearth furnace basic roofs. I. P. BASIAS, et alii. p. 1086

Influence of alloying elements on behavior of oxygen and nitrogen when melting alloys in vacuum. P. Ia. AGEV, et alius. p. 1093

Pouring of 1X18H9T steel when coating ingot moulds with petrolatum. Iu. G. GUREVICH, et alii. p. 1096

Improvement of process of production of cold-rolled alloy steel sheets. V. A. FILONOV, et alii. p. 1116

Calculation of temperature conditions for rolling I- and U-beams. V. N. ERSHOR, p. 1119

Manufacture of steel tubes by pressing.

Iu. M. MATREEV, et alius. p. 1122

Influence of arsenic on structure and properties of rolled heavy sections of Ст. 3сп steel.

A. V. DEMAKOVA, et alii. p. 1127

Influence of small additions of vanadium on properties of structural carbon steels.

M. I. GOLDSTEIN, et alius. p. 1130

Plastic and anticorrosive properties of cold-rolled annealed sheets of 1X18H9T.

V. K. BARZIY. p. 1134

国内最近刊行誌参考記事目次

—学協会誌—

日本金属学会誌 25 (1961) 1

低合金ボロン強靱鋼におよぼすモリブデンの影響。
今井勇之進, 他…11

白鉄の形態別酸素量におよぼす溶解条件の影響。
岡本 平, 他…19

約 1% Al を含有する 17-7pH 不銹鋼熱処理材の耐食性について。古川 徹, 他…23

不銹鋼線の加工および焼鈍による剛性率, 内部摩擦などの変化について。作井誠太, 他…30

17-7pH 不銹鋼線の時効に伴う剛性率, 比抵抗硬度および内部摩擦の変化について。作井誠太, 他…34

オーステナイト系不銹鋼の加熱および腐食による脆化について。篠田軍治, 他…36

鋼線の硬度分布におよぼす繰返し曲げの影響。
西岡多三郎, 他…40

過渡放電発光装置による鉄鋼中の微量の酸可溶性アルミニウムの定量分光分析。横山 友…48

溶体化処理した高 Mn 鋼の加熱による ε 相の生成。
今井勇之進, 他…57

溶体化処理した高 Mn 鋼の 500°C 恒温加熱による相変化。今井勇之進, 他…61

応力時効した軟鋼の電子顕微鏡組織について。
川崎 正, 他…68

— 33 (1961) 1

亜共晶鑄鉄の凝固過程におよぼす接種の影響。
藤田 修, 他…3

可鍛鑄鉄の黒鉛化と鑄造組織におよぼす過熱と接種の影響。岡本 平, 他…13

— 33 (1961) 2

純 Fe-C-Si 合金の凝固過程におよぼす硫黄, マンガンの影響。藤田 修, 他…91

自己冷却フィンによる鑄物の残留応力の低減。
大和田野利郎…131

溶接学会誌 30 (1961) 1

オーステナイト系不銹鋼の応力腐食に関する研究 (第 1 報) 渡辺正紀, 他…49

鋼管を鋼板に垂直に溶接する研究。大塚郁夫…54

— 30 (1961) 2

50 kg/mm² 級高張力鋼溶接部の割れに関する考察。
安藤精一, 他…93

溶接応力の研究 (第 1 報) 三ヶ島秀雄, 他…126

(以下 657 ページにつづく)