

外国最近刊行誌参考記事目次

Journal of the Iron and Steel Institute Vol. 191
(1959) Part 4

- The use of oxygen in duplex and stationary open-hearth practice. *O. Pearson*. pp. 305~318
- Some investigations on the treatment of molten iron. *W. B. Chater, et alius*. pp. 319~328
- The practical aspects of pretreatment processes. *J. L. Harrison*. pp. 328~336
- The use of oxygen in a modified tilting furnace. *A. Jackson*. pp. 337~342
- The removal of hydrogen by diffusion from large masses of steel. *J. D. Hobson*. pp. 342~352
- The distortion of high-carbon high-chromium die steel. *K. Sachs, et alius*. pp. 353~360
- The effect of austenitizing treatment on the formation of lower bainite in a plain carbon steel. *L. W. Graham, et alius*. pp. 361~365
- Equipment used for vacuum melting and casting in the iron and steel industry.
A.S.D. Barrett, et alius. pp. 366~374

— Vol. 192 (1959) Part 1

- Refining liquid pig iron in electric arc furnaces. *R. Durrer, et alius*. pp. 13~25
- An early medieval iron-smelting site in Wear-dale. *R. F. Tylecote*. pp. 26~34
- Heat-transfer investigation and development of the automatic control of power input on the BISRA 10-cwt arc furnace. *J. Ravenscroft, et alius*. pp. 34~39
- Pelletizing before sintering: Some experiments with a disc. *D. F. Ball*. pp. 40~55
- Recent developments in oxygen steelmaking in North America. *J. M. Gaines*. pp. 55~60

Iron & Steel Vol. 32 (1959) No.5

- Radiation damage in ferrous materials.
R. E. Smallman. pp. 175~180
- Experience in the application of increased gas pressure to risers. *P. I. Jamschanow*. pp. 181~184
- Steelmaking processes in relation to atmospheric pollution. *R. J. Sarjant*. pp. 185~190

— Vol. 32 (1959) No.6

- Kinetics of bainite formation in plain carbon steel. *P. Vesudevan, et alii*. pp. 229~232
- Kinetics of bainite formation in high-purity iron-carbon alloys. *S. V. Radcliffe, et alius*. pp. 232~237
- Effect of austenitizing treatment on formation of lower bainite in a plain carbon steel.
L. W. Graham, et alius. pp. 237~239
- Diffusion of hydrogen in steel at temperature of -78 to 200°C. *J. D. Hobson*. pp. 240~243
- Hydrogen in ferrosilicon. *N. Christensen, et alius*. p. 243~245
- Removal of hydrogen by diffusion from large masses of steel. *J. D. Hobson*. pp. 245~249
- The determination of hydrogen in steel by a carrier-gas technique. *C. E. A. Shanahan, et alius*. pp. 249~252
- Recent developments in oxygen steelmaking in North America. *J. M. Gaines*. pp. 252~254
- Use of oxygen in a modified tilting furnace.
A. Jackson, et alii. pp. 254~268
- The use of oxygen in a modified tilting furnace a progress report. *A. Jackson*. pp. 268~270
- The use of oxygen in duplex and stationary open-hearth practice. *Oscar Pearson*. pp. 271~276
- Some investigations on the treatment of molten iron. *W.J.B. Chater, et alius*. pp. 276~280
- Practical aspects of pretreatment processes.
J. L. Harrison. pp. 281~284
- Development and present state of the L D Process. *D. Cuscoleca, et alius*. pp. 284~286
- Comments on the O.L.P. Process. *B. Trentini, et alii*. pp. 286~289
- Refining liquid pig iron in electric arc furnace
R. Durrer, et alius. pp. 289~294
- Further experience with the Kaldo process,
Bo Kalling, et alius. pp. 295~298
- Blast Furnace and Steel Plant Vol. 47 (1959)
No.6
- Preheating coal for carbonization. *M. Perch, et alius*. p. 591~597

- Quality aspects in vacuum arc melting.
E. A. Loria. pp. 601~607
- Vol. 47 (1959) No.7
- Experience with self-fluxing sinter at the steel company of Canada, Limited. *J. S. McMahan*. pp. 695~705
- Automation in iron and steel making processes.
J. E. Oram. pp. 716~724
- Stahl und Eisen 79 (1959) Heft 7
- Boundary load of coke-oven walls. I
Welter Ahlers. s. 397~405
- Boiling of soft rimming steel under vacuum.
G. Henke, et alius. s. 405~407
- Degassing of the pouring jet of soft rimming steel. *Hubert Hoff*. s. 408~410
- Control by measurements of the vacuum degassing of steel melts. *Karl Bortzmann, et alii*. s. 410~414
- The removal of the oxygen when treating steel melts in the vacuum. *Helmut Knüppel et alii*. pp. 414~419
- Experiences made with a 15-MeV betatron in the nondestructive testing of steel products.
Hans Krächter. s. 419~426
- 79 (1959) Heft 10
- New methods used in the preparation of Ilse iron ores. *Ewald Meinecke* s. 657~668
- Wear measurements by radioactive isotopes applied to blast furnace linings. *Alexander Schepers, et alius*. s. 669~674
- Investigations on basic steel converter bottoms.
Werner Köhler, et alii. s. 674~683
- Experiences made in and knowledge gained from the operation of a hot strip rolling mill train and a cold strip rolling mill. *Erwin A. Spenlé*. s. 683~693
- Development of drives and electrical machines in rolling mills. *Werner Nürnberg*. s. 694~703
- Calculation of the reheating process of steel ingots and comparison with the results as measured. *Rolf Wartmann*. s. 703~711
- Testing the tendency to cracking of round steel bars in the condition as rolled by means of an induction-magnetic whirl method.
Helmut Knüppel, et alii. s. 711~718
- Accident prevention measures in the iron and steel industry. *Hans Steeg*. s. 719~724
- 79 (1959) Heft 11
- Behaviour of coke stressed by drop and comparison. *Hermann Schenck*. s. 769~777
- Measurements of the roll force and experiences made in the operation of a full-continuous, seven stand hot strip finishing milltrain.
Heinrich Lampmann, et alius. s. 777~785
- Ultrasonic testing of products of the iron and steel industry. *Hermann Kopneck, et alii*. s. 786~797
- Design adapted to the load encountered of the screw-joint of crane hooks. *Ludwig Maduschka*. s. 797~802
- "Random-cheek-delay" or "Work sampling" study and its application. *Ludwig Weber*. s. 802~811
- Importance of the selection of the personnel and of the design of the plants for the cooperation of man and machine.
Werner Fuchs. s. 811~814
- 79 (1959) Heft 12
- The viscosity behaviour of synthetic slags as dependent on composition and temperature.
Erich E. Hofmann. s. 846~854
- The influence of carbon, manganese, chromium, nickel and molybdenum on the unimpeded spread of steels in hot rolling.
Walter Grosse, et alius. s. 855~866
- Direct current motors for rolling mill auxiliary drives and their control. *Hans Drück*. s. 866~873
- Human failure in accident prevention.
Horst Fischer. s. 874~880
- Stal (1959) No.5
- Blending of iron ores at iron and steel works
KhP. Zaitsev, et alii. pp. 385~389
- Buring of pellets on grating. *I. I. Rovensky*. pp. 389~393

- About reasons for burden hanging in a blast furnace when using the oxygen enriched air blast. *M. A. Shapovalov*, pp. 393~396
- Efficiency of using sinter and briquettes instead of iron ore and limestone in open-hearth furnace. *B. N. Kurochkin, et alii*. p. 400~407
- Operation of open-hearth furnace when firing with natural gas. *B. N. Kurochkin, et alii*. pp. 407~413
- The advantages of ingot moulds wedge-shaped bottoms. *Iu. V. Zavershinsky*. pp. 413~417
- The use of oxygen in tilting open-hearth furnace. *G. M. Glinkov*. pp. 418~419
- Rational designs of secondary circuits for steelmaking arc furnace. *Iu. E. Efroimovich, et alii*. pp. 421~424.
- Thermal balance of aluminothermic smelting process when producing ferrotitanium. *S. I. Suchil'nikov, et alius*. pp. 425~428
- Modern continuous billet mill. *M. M. Shternov* pp. 429~432
- Influence of deformations speed during rolling on distribution of specific pressure. *M. L. Zaroshchinsky, et alius*. pp. 433~436
- Inovation in high-alloy tube production practic. *O. A. Pliatskovsky, et alii*. pp. 436~441
- About maximum angles of bite during rolling. *A. P. Chekmarev, et alii*. pp. 444~447
- Influence of production process of th X25H20 alloy. *M. I. Vinograd, et alius*. pp. 448~451
- Influence of straightening on properties of the P-65 type pails. *L. M. Shkol'nik*. pp. 451~456
- Quality of 13-ton ingot of 14 XTC steel. *V. K. Barzy, et alii*. pp. 456~459
- Prace Instytutow Hutnicznych, Prace 1 H 10**
(1958) Zeszyt 1
- Temper brittleness of 30 HGSA steel with and without addition of vanadium. *S. Orzechowski, G. Gawin*. pp. 1~16
- Investigations of cooling properties. of hardening oils. *S. Orzechowski, H. Chelminska*. pp. 17~27
- Oxdation rate of fluid bearing alloys. *S. Balicki, J. Rusz*. pp. 29~39
- Nonmagnetic copper alloys. *G. Zaborowski, L. Siarzewski*. pp. 41~51
- Thoriated tungsten wires. *W. Rutkowski, S. Stolarz*. pp. 53~62
- Compensating method of measurement of electric resistivity in sintered materials. *E. Waniewski*. pp. 63~69
- Mecanical ultrasonic generatory for emulsifying of floatation agents. *J. Tabin*. pp. 70~76
- **Prace 1 H 10** (1958) Zeszyt 2
- Effect of iron coke on the refractory materials. *M. Starczewski*. pp. 77~89
- Problem of silicocalcium disintegration. *B. Paczula Z. Kulinski*. pp. 91~94
- Effect of heat treatment below the temperature Al on the properties of low carbon steel for boiler sheets. *W. Cias*. pp. 95~108
- Effect of substitution molybdenum by tungsten on the properties of heat treated steels. *S. Przegalinski, M. Blalecki*. pp. 109~119
- Intensity of deformation in the rolling process. *Z. Wusatowski*. pp. 120~123
- Physical and chemical changes associated with the transformation of semi-coke into coke in the temperature range 500~ to 1000°C. pp. 124~132
- **Prace 1 H 10** (1958) Zeszyt 3
- Effect of addition of ferric mineraliser on the corrosion of silica products of SK type. *M. Starczewski*. pp. 133~142
- Making of ferromolybdenum by alumina-silicothermic method. *Z. Kulinski, B. Paczula*. pp. 143~145
- Temperature measurement with suction thermocouples of air and flue gas in open hearth furnaces. *M. Michalowski*. pp. 147~151
- Application of the method of statistical determination of stress-number curve of steel wire. *B. Baranowski*. pp. 153~160
- Cold working of zinc stripes. *S. Socha*. pp. 161~170
- Structure and mechanical properties of deep drawn zinc stripes. *S. Socha*. pp. 171~179
- Determination of nitrides of aluminium, silicon,

- vanadium and chromium in carbon steels and low alloy steels. *E. Wrzesinska*. pp. 180~184
- Prace 1 H 10 (1958) Zeszyt 4
- Hot rolling of steel 35 with high draughts. *Z. Wusatowski, W. Gorecki, E. Judycki, F. Wiacek*. pp. 185~198
- Production technology of steam turbine blades by rolling and drawing methods. *J. Nowotaraki, R. Wusatowski* pp. 199~207
- Significance of beryllium in the oxidation process of fluid Al-Mg alloys. *S. Balicki*. pp. 208~213
- Dispersion hardening and properties of the copper-nickel-phosphorus alloy. *K. Joszt, L. Gablankowski* pp. 214~225
- Open air and laboratory investigations of resistance of steel products to atmospheric corrosion. *L. Jassowicz*. pp. 226~236
- Prace 1 H 10 (1958) Zeszyt 5
- Stabilisation of dicalcium silicate in magnesite-dolomite products. *F. Nadachowski*. pp. 237~242
- Effect of addition of barium oxide in the phase composition of basic refractories. *M. Grylicki, F. Nadachowski*. pp. 243~254
- Corrosion of coke oven lining in conditions of ferrocoke production. *M. Starczewski*. pp. 255~259
- Rapid heating of ingots for hot working. *S. Bala*. pp. 261~268
- Results of calamine ore flotation. *J. Adamiczka, A. Molicka-Haniawetz*. pp. 269~275
- The method of obtaining higher aliphatic amines. Reduction or nitriles of fatty acids with sodium. *M. Oktawiec*. pp. 277~280
- The effect of recovery methods on the quality of oil fractions obtained in continuous tar distillation plants. *J. Szuba*. pp. 281~292
- Modified recovery system of oil fractions in continuous tar distillation plants. *J. Szuba*.
- Prace 1 H 10 (1958) Zeszyt 6
- Effect of addition of metal oxides on the structure and magnetic properties of barium ferrites. *J. Kozlowski, Z. Ziolkowski*. pp. 305~331
- Investigations on the sintering of pure oxides and with additives. *R. Pampuch*. pp. 333~348
- Effect of annealing in the range of temperatures of 250 to 400°C on the fatigue strength of D60A wire for ropes determined by statistical method. *B. Baranowski*. pp. 349~359
- Synthesis and trials to use certain esters of trio-carbon acids in the process of flotation of galena and sphalerite. *K. Zmudzinski, J. Wojtowicz*. pp. 361~367
- Prace 1 H 11 (1959) Zeszyt 1
- Effect of the austenitizing temperature on martensitic transformation in Fe-C-Ni and Fe-C-Mn alloy below room temperature. *W. Clas*. pp. 55~69
- Oxidation losses in liquid aluminium and its alloys. *S. Balicki, J. Leitl*. pp. 71~74
- Vacuum decarburisation of ferrochrome. *H. Zak, B. Paczula*. pp. 75~82
- Nitriding of metallic manganese. *H. Zak, Z. Kulinski*. pp. 83~91
- Automatic control of rotary shears and cooling tables in rolling mills. *K. Golebiowski* p. 93~98
- Measurements of reversing cold rolling mill drives. *J. Golek, R. Hagel*. pp. 99~105
- Effect of catalysts on destructive distillation and plasticity of coal. *J. Nadziakiewicz*. pp. 107~112
- Ni-Mo and Ni-Fe-Mo alloys as substitutes for molybdenum in wire for electron tubes. *W. Cegielski*. pp. 113~118

国内最近刊行誌参考記事目次

—学協会誌—

日本金属学会誌 23 (1959) 5

白鑄鉄の塑性変形および亀裂の観察. 福元一郎… 255~259

白鑄鉄の抗折, 衝撃試験. 福元一郎…259~262

鉄鋼中の稀土金属の分離法. 後藤秀弘, 他…267~270

鉄鋼中の稀土金属の定量法. 後藤秀弘, 他…270~273

鋼の無孔渗珪素処理に関する研究. 三谷裕康, 他… 273~276