

Title (en)

HIGH-ALLOY IRON-CARBON CAST MATERIAL WITH AN AUSTENITIC MATRIX

Publication

**EP 0131091 A3 19860903 (DE)**

Application

**EP 84103632 A 19840402**

Priority

DE 3321311 A 19830613

Abstract (en)

[origin: EP0131091A2] In the material with mainly graphite carbon, the graphite is predominantly in the form of a vermicular graphite precipitation, preferably with a residual magnesium content of 0.01 to 0.04 % by weight. In a process for producing the material, a treatment additive of pure magnesium is added to the molten iron base, and even sulphur- rich molten iron bases can be processed.

IPC 1-7

**C22C 37/00**; **C22C 37/08**; **C21C 1/08**

IPC 8 full level

**C22C 37/04** (2006.01)

CPC (source: EP)

**C22C 37/04** (2013.01)

Citation (search report)

- [X] DE 1533279 A1 19691218 - INT NICKEL LTD
- [A] GB 671467 A 19520507 - MOND NICKEL CO LTD
- [A] WO 8203410 A1 19821014 - FISCHER AG GEORG [CH], et al
- [AD] DIN 1694, AUSTENITISCHES GUSSEISEN, September 1981
- [AP] PATENT ABSTRACTS OF JAPAN, Band 7, Nr. 161 (C-176)[1306], 15. Juli 1983; & JP - A - 58 71353 (EBARA SEISAKUSHO K.K.) 28.04.1983

Cited by

EP1752552A1; WO2007017350A1

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