

Title (en)

Process for obtaining bainitic nodular cast iron castings.

Title (de)

Verfahren zur Herstellung von Gussstücken aus bainitischem Gusseisen mit Kugelgraphit.

Title (fr)

Procédé pour la fabrication de pièces moulées en fonte bainitique modulaire.

Publication

EP 0271688 A1 19880622 (EN)

Application

EP 87116105 A 19871102

Priority

IT 4291586 A 19861120

Abstract (en)

Process for obtaining bainitic nodular cast iron castings based on the severe narrowness of the alloy analytic values and on a particular thermic cycle based in turn on austenitizing at high temperature, after having effected a superficial nitriding treatment, and on isothermic transformation at low temperature with intermediate temper in water at a temperature lower than the transformation temperature.

IPC 1-7

C21D 5/00; **C21D 7/06**; **C23C 8/80**

IPC 8 full level

C21D 5/00 (2006.01); **C21D 7/06** (2006.01); **C23C 8/80** (2006.01)

CPC (source: EP)

C21D 5/00 (2013.01); **C21D 7/06** (2013.01); **C23C 8/80** (2013.01)

Citation (search report)

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- [Y] PATENT ABSTRACTS OF JAPAN, vol. 6, no. 186 (C-126)[1064], 22nd September 1982; & JP-A-57 98 675 (TOYO KOGYO K.K.) 18-06-1982
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