

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)

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Citation (search report)

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