

Title (en)

Treating method of cast iron with lamellar graphite to produce cam shafts

Title (de)

Verfahren zur Behandlung einer Gusseisenschmelze mit Lamellengraphit zur Herstellung von Nockenwellen

Title (fr)

Procédé de traitement d'une fonte à graphite lamellaire destinée à la fabrication des arbres à cames

Publication

EP 0616040 B1 19990519 (FR)

Application

EP 94400552 A 19940315

Priority

FR 9303182 A 19930319

Abstract (en)

[origin: EP0616040A1] Process for treating cast iron with lamellar graphite intended for the manufacture of camshafts, according to which the said cast iron is heated to melting temperature before extracting, after decanting, the oxides from the cast iron, characterised in that 0.001 % to 0.02 % by weight of a deoxidising element is introduced into the cast iron bath before the casting with the aim of obtaining cast iron with lamellar graphite with a low oxygen and nitrogen content.

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C22C 1/08

IPC 8 full level

C21C 1/02 (2006.01); **C21C 1/08** (2006.01)

CPC (source: EP)

C21C 1/02 (2013.01); **C21C 1/08** (2013.01)

Cited by

FR2818663A1; CN110894582A; DE102009004189A1; DE102009004189B4; KR20110132563A; CN102317480A; US9132478B2; US6723180B2; US9284617B2; WO2010091486A1; WO0155458A1; US6395107B1; US6537395B2

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