

Title (en)

CAST IRON FOR THE MANUFACTURE OF BRAKE DRUMS

Publication

EP 0279300 B1 19910515 (DE)

Application

EP 88101722 A 19880206

Priority

DE 3704679 A 19870214

Abstract (en)

[origin: EP0279300A2] Cast iron for the manufacture of, in particular, solid and vented brake discs and other brake components, has the following features in combination: a perlitic base structure with a maximum of 5% ferrite fraction and a tensile strength of at least 200 N/mm² with the following chemical composition: carbon 3.62 - 3.68% silicon max. 2.10% manganese 0.70 - 0.85% phosphorus less than 0.080% sulphur less than 0.095% chromium 0.18 - 0.25% molybdenum 0.30 - 0.45% copper 0.30 - 0.45%.

IPC 1-7

C21D 5/04; **C22C 37/06**; **F16D 65/10**

IPC 8 full level

C21D 5/04 (2006.01); **C22C 37/06** (2006.01); **F16D 65/10** (2006.01)

CPC (source: EP KR US)

C21B 5/02 (2013.01 - KR); **C22C 37/06** (2013.01 - EP US)

Citation (examination)

DE 3305184 A1 19840823 - BUDERUS AG [DE]

Cited by

EP0778355A1; US5894010A; EP0746635A4; DE102004028902B4; WO2007115772A1

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