

Title (en)  
Wear-resistant cast iron with a high phosphorus content

Title (de)  
Verschleissfestes Gusseisen mit hohem Phosphorgehalt

Title (fr)  
Fonte à haute teneur en phosphore résistant à l'usure

Publication  
**EP 0277931 B2 20000830 (FR)**

Application  
**EP 88870003 A 19880114**

Priority  
BE 8700085 A 19870205

Abstract (en)  
[origin: EP0277931A2] A cast iron of high phosphorus content, intended especially for the manufacture of brake shoes, offering good wear resistance, is produced by directly incorporating approximately 10% by weight of ferrophosphorus in a liquid casting melt collected in a casting ladle or in a mixer associated with this casting ladle.

IPC 1-7  
**C22C 37/00**; **F16D 69/02**

IPC 8 full level  
**C22C 37/00** (2006.01); **F16D 69/02** (2006.01)

CPC (source: EP)  
**C22C 37/00** (2013.01)

Cited by  
EP1970460A1; GB2274827A

Designated contracting state (EPC)  
AT BE CH DE ES FR GB GR IT LI LU NL SE

DOCDB simple family (publication)  
**EP 0277931 A2 19880810; EP 0277931 A3 19880907; EP 0277931 B1 19920624; EP 0277931 B2 20000830**; AT E77658 T1 19920715; BE 1000292 A3 19881011; DE 3872262 D1 19920730; DE 3872262 T2 19921203; DK 173189 B1 20000313; DK 56488 A 19880806; DK 56488 D0 19880204; ES 2032602 T3 19930216; ES 2032602 T5 20001216; GR 3005698 T3 19930607; GR 3034788 T3 20010228; NO 170989 B 19920928; NO 170989 C 19930106; NO 880496 D0 19880204; NO 880496 L 19880808

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**EP 88870003 A 19880114**; AT 88870003 T 19880114; BE 8700085 A 19870205; DE 3872262 T 19880114; DK 56488 A 19880204; ES 88870003 T 19880114; GR 20000402481 T 20001108; GR 920402030 T 19920914; NO 880496 A 19880204