

Title (en)  
GRAY CAST IRON ALLOY AND CAST INTERNAL COMBUSTION ENGINE COMPONENT

Title (de)  
GRAUE GUSSEISENLEGIERUNG UND BRENNKRAFTMASCHINENGUSSBAUTEIL

Title (fr)  
ALLIAGE DE FONTE GRISE ET COMPOSANT DE MOTEUR A COMBUSTION INTERNE MOULE

Publication  
**EP 1506323 A1 20050216 (EN)**

Application  
**EP 03750007 A 20030512**

Priority  
• SE 0300770 W 20030512  
• SE 0201431 A 20020513

Abstract (en)  
[origin: WO03095692A1] A substantially perlitic, grey cast iron alloy comprising, by weight, 3.2 - 3.49% carbon, 1.8 - 2.2% silicon, < 0.15% sulphur, < 0.15% phosphorus, 0.3 - 0.8% manganese, 0.2 - 0.4% chromium, 0.1 - 0.4% molybdenum, 0.03 - 0.3% vanadium, 0.3 - 1.0% copper, < 0.15% niobium, the balance iron and impurities.

IPC 1-7  
**C22C 37/10**

IPC 8 full level  
**F02F 1/00** (2006.01); **C22C 37/00** (2006.01); **C22C 37/10** (2006.01)

IPC 8 main group level  
**C22C** (2006.01)

CPC (source: EP KR SE)  
**C22C 33/08** (2013.01 - EP); **C22C 37/06** (2013.01 - EP KR); **C22C 37/10** (2013.01 - EP SE)

Citation (search report)  
See references of WO 03095692A1

Cited by  
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DOCDB simple family (publication)  
**WO 03095692 A1 20031120**; AT E477347 T1 20100815; AU 2003243063 A1 20031111; BR 0309975 A 20050222; BR 0309975 B1 20101214; CN 1320150 C 20070606; CN 1653202 A 20050810; DE 60333748 D1 20100923; DK 1506323 T3 20101122; EP 1506323 A1 20050216; EP 1506323 B1 20100811; ES 2350478 T3 20110124; JP 2005525468 A 20050825; JP 4137054 B2 20080820; KR 100616649 B1 20060828; KR 20050010796 A 20050128; SE 0201431 D0 20020513; SE 0201431 L 20031114; SE 526903 C2 20051115; SI 1506323 T1 20110131

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