

Title (en)

WEAR-RESISTING HIGH-MANGANESE CAST STEEL

Title (de)

VERSCHLEISSFESTER HOCHMANGANGUSSSTAHL

Title (fr)

ACIER MOULE A FORTE TENEUR EN MANGANESE ET RESISTANT A L'USURE

Publication

**EP 0692548 A4 19960529 (EN)**

Application

**EP 94905234 A 19940131**

Priority

- JP 19144692 A 19920626
- JP 9400130 W 19940131

Abstract (en)

[origin: WO9520686A1] A high-manganese cast steel having excellent wear and impact resistances and comprising 1.3-1.4 % (by weight, the same will apply hereinbelow) of carbon, 0.05-0.20 % of silicon, 14.0-15.0 % of manganese, 0.5-1.5 % of chromium, 0.3-0.8 % of vanadium, 0.2-0.4 % of titanium, 0.5-1.0 % of molybdenum, and the balance consisting of iron and inevitable impurities.

IPC 1-7

**C22C 38/38**

IPC 8 full level

**C22C 38/00** (2006.01); **C22C 38/04** (2006.01); **C22C 38/38** (2006.01)

CPC (source: EP)

**C22C 38/04** (2013.01); **C22C 38/38** (2013.01)

Citation (search report)

- [A] US 4039328 A 19770802 - NOVOMEISKY JURY DONATOVICH, et al
- [A] US 3556777 A 19710119 - PETRY HOWARD J
- [A] DE 743476 C 19431227 - DEUTSCHE ROEHRENWERKE AG
- See references of WO 9520686A1

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