

Title (en)

MARAGING TYPE SPRING STEEL

Title (de)

FEDERSTAHL VOM MARAGING-TYP

Title (fr)

ACIER A RESSORTS DE TYPE ACIER VIEILLI THERMIQUEMENT

Publication

EP 1255873 A1 20021113 (DE)

Application

EP 01901158 A 20010117

Priority

- DE 10001650 A 20000117
- EP 0100498 W 20010117

Abstract (en)

[origin: WO0153556A1] The invention relates to a high-strength, age-hardenable, corrosion-resistant maraging type spring steel, which is essentially comprised of 6.0 to 9.0 wt. % of Ni, 11.0 to 15.0 wt. % of Cr, 0.1 to 0.3 wt. % of Ti, 0.2 to 0.3 wt. % of Be and of a remainder consisting of Fe, whose martensite temperature $M_s \geq 130$ DEG C and which has a ferrite content c_{ferrite} of less than 3 %.

IPC 1-7

C22C 38/50; **C22C 38/52**; **C22C 38/44**; **C21D 6/02**

IPC 8 full level

C21D 6/00 (2006.01); **C21D 8/02** (2006.01); **C22C 38/00** (2006.01); **C22C 38/44** (2006.01); **C22C 38/50** (2006.01); **C22C 38/52** (2006.01); **C21D 9/02** (2006.01)

CPC (source: EP US)

C21D 6/004 (2013.01 - EP US); **C21D 8/0205** (2013.01 - EP US); **C22C 38/002** (2013.01 - EP US); **C22C 38/44** (2013.01 - EP US); **C22C 38/50** (2013.01 - EP US); **C22C 38/52** (2013.01 - EP US); **C21D 9/02** (2013.01 - EP US); **C21D 2211/008** (2013.01 - EP US); **Y10S 148/909** (2013.01 - EP US)

Citation (search report)

See references of WO 0153556A1

Designated contracting state (EPC)

DE FR GB

DOCDB simple family (publication)

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