

Title (en)
MARAGING TYPE SPRING STEEL

Title (de)
FEDERSTAHL VOM MARAGING-TYP

Title (fr)
ACIER A RESSORTS DE TYPE ACIER VIEILLI THERMIQUEMENT

Publication
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Application
EP 01901158 A 20010117

Priority
• DE 10001650 A 20000117
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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 $M_s \leq 130$ 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

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DE FR GB

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