

Title (en)

PRECIPITATION HARDENABLE MARTENSITIC STAINLESS STEEL

Title (de)

AUSSCHIEDUNGSHÄRTBARER MARTENSITISCHER NICHTROSTENDER STAHL

Title (fr)

ACIER INOXYDABLE MARTENSITIQUE DURCISSABLE PAR PRÉCIPITATION

Publication

EP 1831417 A1 20070912 (EN)

Application

EP 05819793 A 20051222

Priority

- SE 2005001997 W 20051222
- SE 0403176 A 20041223

Abstract (en)

[origin: WO2006068610A1] A precipitation hardenable stainless chromium nickel steel is disclosed having the following composition in weight %: C max 0,07 Si max 1,5 Mn 0,2-5 S 0,01-0,4 Cr 10-15 Ni 7-14 Mo 1-6 Cu 1-3 Ti 0,3-2,5 Al 0,2-1,5 N max 0,1 balance Fe and normally occurring impurities.

IPC 8 full level

C22C 38/42 (2006.01); **C22C 38/44** (2006.01); **C22C 38/50** (2006.01)

IPC 8 main group level

C22C (2006.01)

CPC (source: EP KR SE US)

C22C 38/02 (2013.01 - EP US); **C22C 38/04** (2013.01 - EP US); **C22C 38/06** (2013.01 - EP US); **C22C 38/42** (2013.01 - EP KR SE US); **C22C 38/44** (2013.01 - EP KR SE US); **C22C 38/50** (2013.01 - EP KR SE US)

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)

WO 2006068610 A1 20060629; CN 100540712 C 20090916; CN 101087897 A 20071212; EP 1831417 A1 20070912; JP 2008525637 A 20080717; KR 20070086564 A 20070827; SE 0403176 D0 20041223; SE 0403176 L 20060624; SE 528454 C2 20061114; SE 528454 C3 20070109; US 2008210344 A1 20080904

DOCDB simple family (application)

SE 2005001997 W 20051222; CN 200580044676 A 20051222; EP 05819793 A 20051222; JP 2007548157 A 20051222; KR 20077014252 A 20070622; SE 0403176 A 20041223; US 79344205 A 20051222