

Title (en)
IRON-NICKEL-CHROMIUM- SILICON ALLOY

Title (de)
EISEN-NICKEL-CHROM-SILIZIUM-LEGIERUNG

Title (fr)
ALLIAGE FER-NICKEL-CHROME-SILICIUM

Publication
EP 2115179 B1 20100407 (DE)

Application
EP 08706757 A 20080115

Priority
• DE 2008000060 W 20080115
• DE 102007005605 A 20070131

Abstract (en)
[origin: US2009285717A1] Iron-nickel-chromium-silicon alloy having (in % by weight) 34 to 42% nickel, 18 to 26% chromium, 1.0 to 2.5% silicon, and additives of 0.05 to 1% Al, 0.01 to 1% Mn, 0.01 to 0.26% lanthanum, 0.0005 to 0.05% magnesium, 0.01 to 0.14% carbon, 0.01 to 0.14% nitrogen, max. 0.01% sulfur, max. 0.005% B, remainder iron and the usual impurities resulting from the production process.

IPC 8 full level
C22C 38/08 (2006.01); **C22C 38/34** (2006.01); **C22C 38/40** (2006.01)

CPC (source: EP US)
C22C 38/001 (2013.01 - EP US); **C22C 38/002** (2013.01 - EP US); **C22C 38/005** (2013.01 - EP US); **C22C 38/02** (2013.01 - EP US); **C22C 38/04** (2013.01 - EP US); **C22C 38/06** (2013.01 - EP US); **C22C 38/40** (2013.01 - EP US)

Cited by
WO2012175271A3; WO2012175271A2; DE102011077893A1

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MT NL NO PL PT RO SE SI SK TR

DOCDB simple family (publication)
US 2009285717 A1 20091119; AT E463589 T1 20100415; CN 101595236 A 20091202; CN 101595236 B 20110831; DE 102007005605 A1 20080807; DE 102007005605 B4 20100204; DE 502008000536 D1 20100520; EP 2115179 A2 20091111; EP 2115179 B1 20100407; ES 2341151 T3 20100615; JP 2010516902 A 20100520; JP 5404420 B2 20140129; MX 2009007535 A 20090820; PL 2115179 T3 20100930; WO 2008092419 A2 20080807; WO 2008092419 A3 20081016

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US 8682208 A 20080115; AT 08706757 T 20080115; CN 200880001235 A 20080115; DE 102007005605 A 20070131; DE 2008000060 W 20080115; DE 502008000536 T 20080115; EP 08706757 A 20080115; ES 08706757 T 20080115; JP 2009547522 A 20080115; MX 2009007535 A 20080115; PL 08706757 T 20080115