

Title (en)  
Nickel-chromium-iron-molybdenum alloy

Title (de)  
Nickel-Chrom-Eisen-Molybdenum-Legierung

Title (fr)  
Alliage de nickel-chrome-fer-molybdène

Publication  
**EP 2455504 A1 20120523 (EN)**

Application  
**EP 10014793 A 20101119**

Priority  
EP 10014793 A 20101119

Abstract (en)  
Nickel-chromium-iron-molybdenum alloy, comprising 40 to 48 wt% nickel, 30 to 38 wt% chromium, 4 to 12 wt% molybdenum and iron, wherein the alloy optionally further comprises up to 5 wt% manganese, up to 2 wt% copper and up to 0.6 wt% nitrogen.

IPC 8 full level  
**C22C 19/05** (2006.01)

CPC (source: EP KR US)  
**C22C 19/05** (2013.01 - KR); **C22C 19/053** (2013.01 - EP US); **C22C 19/055** (2013.01 - US)

Citation (applicant)  
US 5424029 A 19950613 - KENNEDY RICHARD L [US], et al

Citation (search report)

- [X] JP H05247597 A 19930924 - NIPPON STEEL CORP
- [X] US 4400210 A 19830823 - KUDO TAKEO [JP], et al
- [X] US 4400211 A 19830823 - KUDO TAKEO [JP], et al
- [X] JP H06128699 A 19940510 - NIPPON STEEL CORP
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- [X] US 2003215350 A1 20031120 - CROOK PAUL [US]
- [XAY] US 4174213 A 19791113 - FUKUI YUTAKA [JP], et al
- [XAY] US 4130420 A 19781219 - FIRNHABER MILES
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- [A] US 3318694 A 19670509 - HEITMANN ARTHUR C
- [A] JP H07268523 A 19951017 - MITSUBISHI MATERIALS CORP

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

Designated extension state (EPC)  
BA ME

DOCDB simple family (publication)  
**EP 2455504 A1 20120523**; AR 083880 A1 20130327; BR 112013012123 A2 20160927; CA 2817022 A1 20120524; EP 2640863 A1 20130925; JP 2013545894 A 20131226; KR 20130143601 A 20131231; MX 2013005512 A 20130705; UA 111070 C2 20160325; US 2014030141 A1 20140130; WO 2012065749 A1 20120524

DOCDB simple family (application)  
**EP 10014793 A 20101119**; AR P110104260 A 20111114; BR 112013012123 A 20111118; CA 2817022 A 20111118; EP 11799628 A 20111118; EP 2011005818 W 20111118; JP 2013539167 A 20111118; KR 20137014831 A 20111118; MX 2013005512 A 20111118; UA A201306141 A 20111118; US 201113988288 A 20111118