

Title (en)
NICKEL-CHROMIUM-COBALT-MOLYBDENUM ALLOY

Title (de)
NICKEL-CHROM-KOBALT-MOLYBDÄN-LEGIERUNG

Title (fr)
ALLIAGE DE NICKEL-CHROME-COBALT-MOLYBDENUM

Publication
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Application
EP 11715651 A 20110315

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Abstract (en)
[origin: WO2011113419A1] The invention relates to a nickel-chromium-cobalt-molybdenum alloy, comprising (in weight %) Cr 20 - 24%, Fe = 1.5%, C 0.03-0.1%, Mn = 0.5%, Si = 0.25%, Co 10-15%, Cu 50.15%, Mo 8.0-10.0%, Ti 0.1-0.8%, Al 0.3 - 2.0%, P < 0.012%, S < 0.008%, B > 0.002 - < 0.008%, Nb > 0 - 2%, N = 0.015%, Mg = 0.05%, Ca = 0.01%, V = 1.0%, Ni remainder, and impurities resulting from smelting.

IPC 8 full level
C22C 1/02 (2006.01); **C22C 19/05** (2006.01); **C22F 1/10** (2006.01)

CPC (source: EP KR US)
C21D 1/30 (2013.01 - EP US); **C21D 6/002** (2013.01 - EP US); **C22C 1/02** (2013.01 - EP KR US); **C22C 1/023** (2013.01 - EP US); **C22C 19/05** (2013.01 - EP KR US); **C22C 19/055** (2013.01 - EP US); **C22F 1/10** (2013.01 - EP KR US); **C21D 2211/004** (2013.01 - EP US)

Citation (search report)
See references of WO 2011113419A1

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