

Title (en)  
SOFT MAGNETIC NICKEL-IRON ALLOY WITH LOW COERCIVE FIELD STRENGTH, HIGH PERMEABILITY AND IMPROVED RESISTANCE TO CORROSION

Title (de)  
WEICHMAGNETISCHE NICKEL-EISEN-LEGIERUNG MIT KLEINER KOERZITIVFELDSTÄRKE, HOHER PERMEABILITÄT UND VERBESSERTER KORROSIONSBESTÄNDIGKEIT

Title (fr)  
ALLIAGE NICKEL-FER MAGNETIQUE MOU A INTENSITE DE CHAMP COERCITIF, A PERMEABILITE PLUS ELEVEE ET A RESISTANCE A LA CORROSION AMELIOREE

Publication  
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Application  
**EP 99906109 A 19990108**

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Abstract (en)  
[origin: DE19803598C1] The invention relates to a soft magnetic nickel-iron alloy containing 35-65 mass % nickel, one or several of the rare earths cerium, lanthanum, praseodymium or neodymium and the impurities introduced during smelting, the sum of the rare earths being between 0.003 and 0.05 mass %.

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IPC 8 full level  
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CPC (source: EP KR)  
**H01F 1/147** (2013.01 - KR); **H01F 1/14708** (2013.01 - EP); **H01H 50/16** (2013.01 - EP)

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AT CH DE ES FR IT LI PT

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**WO 9939358 A1 19990805**; AT E211297 T1 20020115; CN 1163915 C 20040825; CN 1275238 A 20001129; CZ 20002616 A3 20001115; CZ 301345 B6 20100120; DE 19803598 C1 19990429; DE 59900588 D1 20020131; EP 1051714 A1 20001115; EP 1051714 B1 20011219; EP 1051714 B2 20080430; ES 2169597 T3 20020701; ES 2169597 T5 20081101; HU 222469 B1 20030728; HU P0003646 A2 20010228; HU P0003646 A3 20010428; JP 2002502118 A 20020122; JP 2007314885 A 20071206; KR 100384768 B1 20030618; KR 20010040436 A 20010515; PL 192145 B1 20060929; PL 341568 A1 20010423; PT 1051714 E 20020628; SK 10832000 A3 20010312; SK 285293 B6 20061005; TR 200002190 T2 20001121; TW 418406 B 20010111

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