

Title (en)

FE-NI OR FE-NI-CO OR FE-NI-CO-CU ALLOY STRIP WITH IMPROVED CUTTABILITY

Title (de)

BAND AUS FE-NI ODER FE-NI-CO ODER FE-NI-CO-CU LEGIERUNG MIT VERBESSERTER SCHNEIDBARKEIT

Title (fr)

BANDE EN ALLIAGE FE-NI OU FE-NI-CO OU FE-NI-CO-CU A DECOUPABILITE AMELIOREE

Publication

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Application

EP 01955396 A 20010710

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Abstract (en)

[origin: WO0206548A1] The invention concerns a strip made of austenitic Fe-Ni alloy or Fe-Ni-Co alloy or Fe-Ni-Co-Cu alloy whereof the chemical composition of the alloy comprises, in wt. %: 30 % \leq Ni \leq 70 % ; 0 % \leq Cu \leq 20 % ; 0 % \leq Mn + Cr < 5 % ; 0 % \leq W + 2 x Mo \leq 2 % ; 0 % \leq Ti + V + Nb + Al \leq 1 % ; 0.0005 % \leq B \leq 0.007 % ; the rest being iron and impurities such as C, S, P, O and N; the chemical composition being such that Fe + Ni + Cu + Co \geq 95 %. The alloy has a cubic texture with a cubic texture coefficient Dc \geq 7. The invention also concerns a method for making a strip and a method for making a workpiece by mechanical cutting.

IPC 1-7

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IPC 8 full level

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CPC (source: EP KR US)

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See references of WO 0206548A1

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