

Title (en)  
HIGHLY STABLE, STEEL AND STEEL STRIPS OR STEEL SHEETS COLD-FORMED, METHOD FOR THE PRODUCTION OF STEEL STRIPS AND USES OF SAID STEEL

Title (de)  
HÖHERFESTER, KALTUMFORMBARER STAHL UND STAHLBAND ODER -BLECH, VERFAHREN ZUR HERSTELLUNG VON STAHLBAND UND VERWENDUNGEN EINES SOLCHEN STAHLs

Title (fr)  
ACIER ET FEUILLARD OU TOLE D'ACIER A RESISTANCE TRES ELEVEE, POUVANT ETRE FORME A FROID, PROCEDE POUR PRODUIRE UN FEUILLARD D'ACIER ET UTILISATIONS D'UN TEL ACIER

Publication  
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Application  
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Abstract (en)  
[origin: WO02101109A1] The invention relates to steel strips or steel sheets exhibiting good cold forming ability and increased stability, comprising a light steel, which contains (in wt. %) C:  $\leq 1.00$  %, Mn: 7.00 30.00 %, Al: 1.00 10.00 %, Si:  $> 2.50$  8.00 %, Al + Si:  $> 3.50$  12.00 %, B:  $> 0.00$  -  $< 0.01$  %, and optionally Ni:  $< 8.00$  %, Cu:  $< 3.00$  %, N:  $< 0.60$  %, Nb:  $< 0.30$  %, Ti:  $< 0.30$  %, V:  $< 0.30$  %, P:  $< 0.01$  %, the remainder being iron and unavoidable impurities.

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