

Title (en)

METHOD FOR PRODUCING A HIGHLY RESISTANT, VERY DUCTILE STEEL STRIP

Title (de)

VERFAHREN ZUR HERSTELLUNG EINES BANDSTAHLES MIT HOHER FESTIGKEIT UND GUTER UMFORMBARKEIT

Title (fr)

PROCEDE PERMETTANT DE FABRIQUER UN FEUILLARD D'ACIER A RESISTANCE ET A MALLEABILITE ELEVEES

Publication

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Application

**EP 98916911 A 19980310**

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Abstract (en)

[origin: WO9840522A1] The invention relates to a method for producing a highly resistant (at least 900MPa), very ductile steel strip. The steel, containing (in mass per cent); 0.10 to 0.20 % C; 0.30 to 0.60 % Si; 1.50 to 2.00 % Mn; max. 0.08 % P; 0.30 to 0.80 % Cr; up to 0.40 % Mo; up to 0.20 % Ti and/or Zr; up to 0.08 % Nb; the remainder being Fe and unavoidable impurities, is melted, cast in slabs and then rolled out into a hot rolled strip. The roll end temperature is above 800°C, the cooling speed on the delivery roller table is at least 30°C/s and the reel temperature is 300 to 600°C.

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IPC 8 full level

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Cited by

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