

Title (en)

HOT-ROLLED STEEL STRIP AND METHOD OF MAKING IT

Title (de)

WARMBAND AUS STAHL UND VERFAHREN ZU SEINER HERSTELLUNG

Title (fr)

FEUILLARD ACIER LAMINE A CHAUD ET SON PROCEDE DE FABRICATION

Publication

**EP 0910675 B1 20041006 (DE)**

Application

**EP 97931775 A 19970704**

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Abstract (en)

[origin: US6284063B1] The invention concerns hot-rolled steel strip no more than 5 mm thick, optionally less than 2 mm thick, made of high-tensile steel, that contains 0.08%-0.25% carbon, 1.20% to 2.0% manganese, and 0.02% to 0.05% aluminum, and optionally up to 1.0% chromium, up to 0.1% copper, up to 0.5% molybdenum, up to 0.1% nickel, up to 0.009% nitrogen, up to 0.0025% B, and optionally a stoichiometric amount of titanium in relation to nitrogen. The steel strip has a greater than 95% martensitic structure, and a tensile strength of 800 to 1400 N/mm<sup>2</sup>.

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