

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 A1 19990428 (DE)**

Application

**EP 97931775 A 19970704**

Priority

- DE 19628135 A 19960712
- DE 19719546 A 19970509
- EP 9703541 W 19970704

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>.

IPC 1-7

**C21D 8/02**; **C22C 38/04**

IPC 8 full level

**C21D 8/02** (2006.01); **C22C 38/04** (2006.01)

CPC (source: EP US)

**C21D 8/0226** (2013.01 - EP US); **C22C 38/04** (2013.01 - EP US); **C21D 2211/008** (2013.01 - EP US)

Designated contracting state (EPC)

AT BE CH DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)

**US 6284063 B1 20010904**; AT E278811 T1 20041015; BR 9710285 A 19990817; CA 2260231 A1 19980122; CN 1089811 C 20020828; CN 1225141 A 19990804; CZ 6999 A3 19991013; EP 0910675 A1 19990428; EP 0910675 B1 20041006; ES 2230613 T3 20050501; HU 220900 B1 20020629; HU P9903306 A2 20000228; HU P9903306 A3 20000529; PL 185228 B1 20030430; PL 331212 A1 19990705; TR 199900053 T2 19990322; WO 9802589 A1 19980122

DOCDB simple family (application)

**US 21448099 A 19990225**; AT 97931775 T 19970704; BR 9710285 A 19970704; CA 2260231 A 19970704; CN 97196345 A 19970704; CZ 6999 A 19970704; EP 9703541 W 19970704; EP 97931775 A 19970704; ES 97931775 T 19970704; HU P9903306 A 19970704; PL 33121297 A 19970704; TR 9900053 T 19970704