

Title (en)

HOT ROLLED STRIP OR PLATE OF DENITRIDED STEEL AND PROCESS FOR ITS PRODUCTION

Publication

EP 0030309 B1 19850213 (DE)

Application

EP 80107296 A 19801122

Priority

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- DE 3030060 A 19800808

Abstract (en)

[origin: CA1149711A] HOT STRIPS OR HEAVY PLATES FROM A DENITRATED STEEL AND METHOD FOR THEIR MANUFACTURE In a method for the manufacture of hot strips or heavy plates from a denitrated steel composed of 0.04 to 0.16% carbon, 1.25 to 1.90% manganese, 0.2 to 0.55% silicon, 0.004 to 0.020% phosphorus, 0.002 to 0.015% sulfur, 0.02 to 0.08% aluminum, 0.02 to 0.08% niobium, the remainder iron and possibly contaminants, the improvement comprising the steps of having the hot strips or plates leaving the last finishing stand of rolls at a temperature of 750.degree.C to 820.degree.C, cooling the hot strips or plates to an intermediate temperature of 450.degree.C to 570.degree.C at a cooling rate of 2 to 10.degree.C/S and then slowly cooling the hot strips or plates in air to room temperature in a coil or in a pile.

IPC 1-7

C21D 8/02

IPC 8 full level

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CPC (source: EP US)

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Cited by

EP0345206A1; EP3913105A1; EP0481575A3; FR2633208A1; BE1004321A4

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