

Title (en)

METHOD FOR THE GENERATION OF HOT STRIPS OF LIGHT GAUGE STEEL

Title (de)

VERFAHREN ZUM ERZEUGEN VON WARMBÄNDERN AUS LEICHTBAUSTAHL

Title (fr)

PROCEDE POUR PRODUIRE DES FEUILLARDS A CHAUD A PARTIR D'UN ACIER LEGER

Publication

**EP 1699582 B1 20131211 (DE)**

Application

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Abstract (en)

[origin: WO2005061152A1] The invention relates to a method for the generation of hot strips, made from a workable light gauge steel which is particularly easy to cold deep draw, comprising the main elements Si, Al and Mn, with high tensile strength and good TRIP and/or TWIP properties. The mass % are as follows for C 0.04 to < 1.0, Al 0.05 to < 4.0, Si 0.05 TO < 6.0; Mn 9.0 to < 30.0, the rest being iron with the usual elements present in steel. The melt is cast in a horizontal strip casting unit, close to the final measurements, free of bends and with a killed-flow to give a pre-strip in the range of 6 to 15 mm and then introduced to a further processing.

IPC 8 full level

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DE

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