

Title (en)

PROCESS FOR PRODUCING A STEEL STRIP COMPRISING A RELATIVELY HIGH STRENGTH DUAL PHASE STEEL

Title (de)

VERFAHREN ZUR HERSTELLUNG EINES STAHLBANDES AUS EINEM HÖHERFESTEN DUALPHASENSTAHL

Title (fr)

PROCÉDÉ DE FABRICATION D'UN FEUILLARD D'ACIER À PARTIR D'UN ACIER BIPHASIQUE À HAUTE RÉSISTANCE MÉCANIQUE

Publication

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Application

EP 07817796 A 20071113

Priority

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Abstract (en)

[origin: WO2008058530A1] It is an object of the invention to provide a steel which is suitable for continuous annealing of hot and cold strip. This object is achieved by a relatively high strength dual phase steel for a cold- or hot-rolled steel strip having excellent forming properties, in particular for light vehicle construction, comprising the elements indicated in claim 1, balance iron including customary steel-accompanying elements with optional addition of Ti, with the required dual phase microstructure being produced during continuous annealing and the cold- or hot-rolled steel strip being heated to a temperature in the range from 820 to 1000°C, preferably from 840 to 1000°C, in the continuous annealing furnace in a single-stage process and the annealed steel strip subsequently being cooled from the annealing temperature at a cooling rate of from 15 to 30°C/s.

IPC 8 full level

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CPC (source: EP KR US)

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