

Title (en)

METHOD AND DEVICE FOR MANUFACTURING MARTENSITE-CONTAINING STEEL SHEET

Title (de)

VERFAHREN UND VORRICHTUNG ZUR HERSTELLUNG EINES MARTENSITHALTIGEN STAHLBLECHS

Title (fr)

PROCÉDÉ ET DISPOSITIF DE FABRICATION DE TÔLE D'ACIER CONTENANT DE LA MARTENSITE

Publication

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Application

EP 16879266 A 20161216

Priority

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Abstract (en)

[origin: EP3395964A1] The present invention relates to a method and a device for manufacturing a martensite-containing steel sheet, the method comprising the steps of: preparing, in a coil shape, a steel sheet in which at least one part of austenite is transformed into martensite during water cooling; heating the steel sheet coil such that at least one part of the microstructure of the steel sheet becomes austenite; and unwinding the heated steel sheet coil, and water-cooling the steel sheet at a cooling speed of 500 °C/sec or more while transferring the steel sheet at a transferring speed of 300 mpm or more, so as to transform the at least one part of austenite into the martensite.

IPC 8 full level

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Citation (search report)

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