

Title (en)

ELECTROPLATING ANNEALED THIN SHEETS AND METHOD FOR PRODUCING THE SAME

Title (de)

GALVANNEALED-FEINBLECH UND VERFAHREN ZUM HERSTELLEN VON DERARTIGEM FEINBLECH

Title (fr)

TOLE MINCE RECUITE PAR GALVANISATION ET SON PROCEDE DE PRODUCTION

Publication

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Application

**EP 01940473 A 20010515**

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Abstract (en)

[origin: DE10023312C1] The present invention relates to a method for producing electroplating annealed thin sheets wherein a hot-rolled strip is produced from IF steel (solid solution interstitial element free steel) containing 0.01-0.1 weight % of silicon. Said hot-rolled strip is coiled at a coiling temperature not less than 700 DEG C and not more than 750 DEG C. A cold-rolled strip is rolled from said hot-rolled strip, coiled and annealed up to recrystallization in an annealing furnace, in a hot gas atmosphere. Thus annealed cold-rolled strip is coated with a zinc coat in a zinc bath then reannealed at an electroplating temperature not less than 500 DEG C and not more than 540 DEG C. The present invention further relates to an electroplating annealed thin sheet with a coating layer having better adhesion on the base material, as well as a method adapted to thin sheet production according to said invention.

IPC 1-7

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IPC 8 full level

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