

Title (en)

METHOD FOR PRODUCING NON-GRAIN ORIENTED ELECTRO SHEET STEEL

Title (de)

VERFAHREN ZUR HERSTELLUNG VON NICHTKORNORIENTIERTEM ELEKTROBLECH

Title (fr)

PROCEDE POUR LA PRODUCTION DE TOLE ELECTRIQUE A GRAINS NON ORIENTES

Publication

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Application

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Abstract (en)

[origin: US6503339B1] The invention relates to a method to produce non-grain-oriented magnetic steel sheet made of thin-slab or slab casting with low specific total loss and high polarisation and favourable mechanical properties. It is a characteristic of the invention that the steel slabs are hot rolled either directly from the casting heat or after a reheating to  $T \geq 900$  ° C. and two or more metal forming passes are performed in the two-phase region austenite/ferrite in the course of finishing rolling.

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