

Title (en)
METHOD OF PRODUCING NON-GRAIN-ORIENTED ELECTRICAL SHEET

Title (de)
VERFAHREN ZUM HERSTELLEN VON NICHTKORNIORIENTIERTEM ELEKTROBLECH

Title (fr)
PROCEDE DE PRODUCTION D'UNE TOLE MAGNETIQUE A GRAINS NON ORIENTES

Publication
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Application
EP 00922652 A 20000419

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Abstract (en)
[origin: US6582528B1] Method for producing non-grain-oriented electric sheet comprising: introducing steel input stock as a heated and prerolled slab into finishing rolls at a temperature of $\leq 1100^{\circ}$ C. wherein the reheating temperature (TBR) corresponds to a reheating target temperature (TZBR) determined by the formula: $\text{wherein } TZBR(^{\circ} \text{ C.}) = \text{target temperature of the reheated slab}$ $\text{G}_{\text{Si}} = \text{Si content in weight \%}$ $\text{Al} = \text{Al content in weight \%}$ hot rolling to a thickness < 3.5 mm at a final rolling temperature (TET) $\geq 770^{\circ}$ C. coiling at a temperature (THT) wherein $\text{wherein } \alpha = 0.7/\text{sec. to } 1.3/\text{sec.}$ cooling factor pickling and cold rolling to a thickness of 0.2-1 mm.

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