Title (en)

PROCESS FOR PRODUCING MAGNETIC STEEL SHEETS WITH A GLASS COATING

Title (de)

VERFAHREN ZUR HERSTELLUNG VON ELEKTROBLECHEN MIT EINEM GLASÜBERZUG

Title (fr)

PROCEDE DE PRODUCTION DE TOLES ELECTROMAGNETIQUES A ENROBAGE VERRE

Publication

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Application

EP 95912252 A 19950318

Priority

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Abstract (en)

[origin: DE4409691A1] The invention relates to a process for producing magnetic steel sheets, especially grain-oriented sheets, with a uniformly well-adherent glass film and improved magnetic properties in which the initially produced and possibly annealed hot strip is cold-rolled to its final thickness in one or more steps, an annealing separator is then applied to the strip rolled to its final thickness and the cold strip thus coated is subjected to high-temperature annealing, wherein an aqueous dispersion of magnesium oxide (MgO) is an important component of the annealing separator, which also has at least one additive. A feature of the invention is that a finely dispersed oxidic aluminium compound is used as at least one additive.

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C21D 8/12

IPC 8 full level

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