

Title (en)

PROCESS FOR PRODUCING LOW CORE LOSS, THIN, UNIDIRECTIONAL SILICON STEEL PLATE HAVING EXCELLENT SURFACE PROPERTIES

Title (de)

VERFAHREN ZUR HERSTELLUNG VON DÜNNEN SILIZIUM-STAHBLECHEN MIT GOSS-TEXTUR MIT NIEDRIGEN WATTVERLUSTEN SOWIE MIT AUSGEZEICHNETEN OBERFLÄCHENEIGENSCHAFTEN

Title (fr)

PROCEDE DE PRODUCTION D'UNE MINCE PLAQUE D'ACIER AU SILICIUM UNIDIRECTIONNEL A FAIBLE PERTE DANS LE NOYAU, POSSEDANT D'EXCELLENTE PROPRIETES DE SURFACE

Publication

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Application

**EP 86902022 A 19860325**

Priority

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Abstract (en)

[origin: WO8705945A1] A process for consistently producing a low core loss, thin, unidirectional silicon steel plate. The process makes it possible to produce a low core loss, unidirectional silicon steel plate having a thickness of 0.1 to 0.25 mm for use in producing transformers with advantageously avoiding deterioration of surface properties by considering chemical ingredients of steel, optimizing rolling conditions, particularly cold-rolling conditions, and forming allomeric microzones on the surface of a steel plate. The steel plate does not undergo deterioration by stress-relieving annealing.

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IPC 8 full level

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