

Title (en)

Process for manufacturing grain non oriented magnetic steel sheet and sheet obtained thereby

Title (de)

Verfahren zur Herstellung nichtkornorientierter magnetischer Stahlbleche und also erhaltene Stahlbleche

Title (fr)

Procédé de fabrication de tôle d'acier magnétique à grains non orientés et tôle obtenue par ce procédé

Publication

EP 0469980 B1 19960710 (FR)

Application

EP 91402117 A 19910729

Priority

FR 9009694 A 19900730

Abstract (en)

[origin: EP0469980A1] This process, comprising successively after production under vacuum of a steel with a low silicon content: - a hot rolling operation followed by reeling; - a shot-blasting and pickling operation: - a cold rolling operation in one or more stages followed by annealing, to obtain a sheet of the final thickness, the final annealing being carried out under a decarbonising controlled atmosphere, is characterised in that the steel sheet has the following composition by weight: - carbon < 0.008% - silicon < 0.4% - manganese (0.05-0.4)% - sulphur < 0.01% - phosphorus < 0.19% - nitrogen < 0.01% - oxygen < 0.01%, the reeling following the hot rolling is carried out at a temperature above 600 DEG C and is itself followed by a heat treatment at a temperature above 700 DEG C.

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C21D 8/12

IPC 8 full level

C21D 8/12 (2006.01)

CPC (source: EP)

C21D 8/1222 (2013.01); **C21D 8/1261** (2013.01)

Citation (examination)

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