

Title (en)

A process for the production of a grain-oriented electrical steel

Title (de)

Verfahren zur Herstellung eines kornorientierten elektrischen Stahls

Title (fr)

Procédé de production d'un acier électrique à grains orientés

Publication

EP 2775007 B1 20181205 (EN)

Application

EP 13158409 A 20130308

Priority

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Abstract (en)

[origin: EP2775007A1] The invention relates to a process for the production of grain oriented electrical steel by providing a hot rolled strip having a carbon content of less than 0.006 wt.%, subjecting said strip to cold rolling, intermediate annealing, cold rolling to final thickness and thereafter subjecting the cold rolled strip to a batch annealing and a final continuous annealing in order to produce a final product having a maximum core loss at 1.7 T and 50 Hz (P 17/50) of < 2 W/kg and/or a minimum magnetic flux density at 800 A/m (J 800) of > 1.70 T.

IPC 8 full level

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CPC (source: EP)

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Cited by

CN108277429A; US2019032168A1; US10597749B2; CN106298221A; JP2019505671A; CN108138291A; JPWO2017073615A1; JP2019019358A; JP2019019359A; WO2016035530A1; US10907234B2; US10604818B2; US11377705B2; WO2017073615A1

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