

Title (en)
GRAIN-ORIENTED ELECTRICAL STEEL SHEET, AND MANUFACTURING METHOD THEREFOR

Title (de)
KORNORIENTIERTES ELEKTROSTAHLBLECH UND HERSTELLUNGSVERFAHREN DAFÜR

Title (fr)
TÔLE D'ACIER ÉLECTRIQUE À GRAINS ORIENTÉS, ET SON PROCÉDÉ DE FABRICATION

Publication
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Application
EP 21911419 A 20211217

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Abstract (en)
[origin: EP4265747A1] A method for manufacturing a grain-oriented electrical steel sheet, according to one embodiment of the present invention, comprises the steps of: manufacturing a hot rolled sheet by hot rolling a slab comprising, by wt%, 2.5-4.0% of Si, 0.03-0.09% of C, 0.015-0.040% of Al, 0.04-0.15% of Mn, 0.01% or less of S (excluding 0%) and 0.002-0.012% of N, and the balance of Fe and other inevitable impurities; cold rolling the hot rolled sheet to manufacture a cold rolled sheet; performing primary recrystallization annealing on the cold rolled sheet; and performing secondary recrystallization annealing on the cold rolled sheet for which the primary recrystallization annealing has been completed.

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Citation (search report)
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