

Title (en)  
PRODUCTION METHOD OF UNIDIRECTIONAL ELECTROMAGNETIC STEEL SHEET HAVING EXCELLENT IRON LOSS AND HIGH FLUX DENSITY

Title (de)  
HERSTELLUNGSVERFAHREN VON ELEKTROBLECHEN MIT GOSS-TEXTUR, DIE AUSGEZEICHNETE EISENVERLUSTWERTE UND HOHE FLUSSDICHTEN HABEN

Title (fr)  
PROCEDE DE PRODUCTION D'UNE TOLE D'ACIER ELECTROMAGNETIQUE UNIDIRECTIONNELLE SE CARACTERISANT PAR UNE PERTE DE FER EXTREMEMENT BASSE ET PAR UNE DENSITE DE FLUX MAGNETIQUE ELEVEE

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Application  
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Abstract (en)  
[origin: WO9102823A1] This invention provides a unidirectional electromagnetic steel sheet having a high flux density and an extremely low iron loss by winding a steel sheet in a coil form, applying a high temperature finish annealing, adjusting a mean grain size of secondary recrystallized grains inside a roll surface to 11 SIMILAR 50 m/m and applying tension coating and artificial magnetic domain control treatment to a unidirectional electromagnetic steel sheet having a flux density Ba of at least 1.88 to provide it with a tension of at least 0.7 kg/mm<sup>2</sup>.

IPC 1-7  
**C21D 9/46**; **C21D 8/12**

IPC 8 full level  
**C21D 8/12** (2006.01); **C21D 9/46** (2006.01); **H01F 1/16** (2006.01)

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Citation (examination)  
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