

Title (en)  
ANNEALING SEPARATOR COMPOSITION FOR ORIENTED ELECTRICAL STEEL SHEET, AND METHOD FOR MANUFACTURING ORIENTED ELECTRICAL STEEL SHEET USING SAME

Title (de)  
GLÜHSEPARATORZUSAMMENSETZUNG FÜR ELEKTROSTAHLBLECH UND VERFAHREN ZUR HERSTELLUNG EINES ORIENTIERTEN ELEKTROSTAHLBLECHS DAMIT

Title (fr)  
COMPOSITION DE SÉPARATEUR DE RECUIT POUR TÔLES D'ACIER ÉLECTRIQUE À GRAINS ORIENTÉS, ET PROCÉDÉ DE FABRICATION DE TÔLE D'ACIER ÉLECTRIQUE ORIENTÉE L'UTILISANT

Publication  
**EP 3225701 A4 20171025 (EN)**

Application  
**EP 15863386 A 20151125**

Priority  

- KR 20140166906 A 20141126
- KR 20150159096 A 20151112
- KR 2015012735 W 20151125

Abstract (en)  
[origin: EP3225701A1] Disclosed are an annealing separating agent composition for a directional electrical steel sheet and a method for manufacturing a directional electrical steel sheet using the same. Specifically, there are provided an annealing separating agent composition for a directional electrical steel sheet including magnesium oxide or magnesium hydroxide, metal iodide, and a solvent, and a method for manufacturing a directional electrical steel sheet using the annealing separating agent composition as an annealing separating agent in a high-temperature annealing process.

IPC 8 full level  
**C21D 1/68** (2006.01); **C21D 1/70** (2006.01); **C21D 1/72** (2006.01); **C21D 8/12** (2006.01); **C21D 9/46** (2006.01)

CPC (source: CN EP)  
**C21D 1/68** (2013.01 - CN EP); **C21D 1/70** (2013.01 - EP); **C21D 1/72** (2013.01 - EP); **C21D 8/12** (2013.01 - EP); **C21D 8/1272** (2013.01 - CN); **C21D 8/1283** (2013.01 - CN EP); **C21D 9/46** (2013.01 - EP)

Citation (search report)  

- [XA] JP 2004211145 A 20040729 - JFE STEEL KK
- [XI] WO 2008047999 A1 20080424 - POSCO CO LTD [KR], et al
- [X] JP 2003213338 A 20030730 - JFE STEEL KK
- See references of WO 2016085257A1

Cited by  
EP3533885A4; US11225700B2; US11946114B2

Designated contracting state (EPC)  
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)  
BA ME

DOCDB simple family (publication)  
**EP 3225701 A1 20171004; EP 3225701 A4 20171025**; CN 107002158 A 20170801; CN 107002158 B 20190618; JP 2018504517 A 20180215; JP 6535739 B2 20190626; KR 101696627 B1 20170116; KR 20160063244 A 20160603

DOCDB simple family (application)  
**EP 15863386 A 20151125**; CN 201580064705 A 20151125; JP 2017528562 A 20151125; KR 20150159096 A 20151112