

Title (en)  
METHOD FOR ORIENTING STEEL SHEET GRAINS, CORRESPONDING DEVICE, AND FACILITY IMPLEMENTING SAID METHOD OR DEVICE

Title (de)  
VERFAHREN ZUR AUSRICHTUNG VON STAHLBLECHKÖRNERN, ZUGEHÖRIGE VORRICHTUNG UND ANLAGE ZUR IMPLEMENTIERUNG DES BESAGTEN VERFAHRENS ODER DER VORRICHTUNG

Title (fr)  
PROCÉDÉ D'ORIENTATION DE GRAINS DE TÔLE D'ACIER, DISPOSITIF S'Y RAPPORTANT, ET INSTALLATION METTANT EN OEUVRE CE PROCÉDÉ OU CE DISPOSITIF

Publication  
**EP 3212813 A1 20170906 (FR)**

Application  
**EP 15798564 A 20151028**

Priority  
• FR 1460385 A 20141029  
• IB 2015058308 W 20151028

Abstract (en)  
[origin: WO2016067214A1] The invention concerns a method for accentuating the orientation of the grains of a continuous steel sheet (1), in particular for producing electrical sheet steel, said method involving, during the movement of the steel sheet (1) in the longitudinal direction of same, a longitudinal stretching of the steel sheet (1) in a stretch region (1d) in which the steel sheet (1) moves at a temperature of between approximately 750°C and approximately 900°C. The invention also concerns a device for implementing said method in which the stretching is carried out by two tensioning blocks (41, 42) comprising traction rollers arranged to move and guide the steel sheet (1). The invention further concerns a facility for producing electrical sheet steel comprising a line comprising a rolling mill and on which said method and said device are implemented downstream from the rolling mill.

IPC 8 full level  
**C21D 8/12** (2006.01); **C21D 9/56** (2006.01); **F27B 9/28** (2006.01); **F27B 17/00** (2006.01)

CPC (source: CN EP KR US)  
**C21D 8/1238** (2013.01 - CN EP KR US); **C21D 8/125** (2013.01 - CN EP KR US); **C21D 8/1255** (2013.01 - CN EP KR US);  
**C21D 8/1261** (2013.01 - CN EP KR US); **C21D 9/56** (2013.01 - CN EP KR US); **C21D 9/563** (2013.01 - CN EP KR US);  
**C21D 9/564** (2013.01 - CN EP KR US); **F27B 9/28** (2013.01 - CN EP KR US); **F27B 17/00** (2013.01 - EP US);  
**C21D 2201/05** (2013.01 - CN EP KR US)

Citation (search report)  
See references of WO 2016067214A1

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)  
**FR 3027920 A1 20160506**; **FR 3027920 B1 20190329**; CN 107109510 A 20170829; EP 3212813 A1 20170906; EP 3212813 B1 20191127;  
KR 102495407 B1 20230206; KR 20170078713 A 20170707; PL 3212813 T3 20201102; US 11028459 B2 20210608;  
US 2017314096 A1 20171102; WO 2016067214 A1 20160506

DOCDB simple family (application)  
**FR 1460385 A 20141029**; CN 201580070125 A 20151028; EP 15798564 A 20151028; IB 2015058308 W 20151028;  
KR 20177013928 A 20151028; PL 15798564 T 20151028; US 201515523450 A 20151028