

Title (en)

NON-MAGNETIC HIGH MANGANESE STEEL SHEET WITH HIGH STRENGTH AND MANUFACTURING METHOD THEREOF

Title (de)

NICHTMAGNETISCHES HOCHFESTES STAHLBLECH MIT HOHEM MANGANANTEIL UND HERSTELLUNGSVERFAHREN DAFÜR

Title (fr)

FEUILLE D'ACIER À HAUTE TENEUR EN MANGANÈSE, NON MAGNÉTIQUE, AYANT UNE HAUTE RÉSISTANCE ET SON PROCÉDÉ DE FABRICATION

Publication

EP 2796585 A1 20141029 (EN)

Application

EP 12859366 A 20121220

Priority

- KR 20110141738 A 20111223
- KR 20110142433 A 20111226
- KR 2012011168 W 20121220

Abstract (en)

The present invention relates to a non-magnetic high manganese steel sheet with high-strength, which has superior strength and moldability, and at the same time, can obtain superior non-magnetic characteristics, and a method for manufacturing the same.

IPC 8 full level

C22C 38/04 (2006.01); **C21D 8/02** (2006.01); **C21D 9/46** (2006.01)

CPC (source: EP US)

C21D 6/005 (2013.01 - EP US); **C21D 8/0205** (2013.01 - EP US); **C21D 8/0226** (2013.01 - US); **C21D 8/0236** (2013.01 - US); **C21D 8/0263** (2013.01 - US); **C21D 9/46** (2013.01 - EP US); **C22C 38/001** (2013.01 - EP US); **C22C 38/002** (2013.01 - EP US); **C22C 38/02** (2013.01 - EP US); **C22C 38/04** (2013.01 - EP US); **C22C 38/06** (2013.01 - EP US); **C22C 38/14** (2013.01 - EP US)

Cited by

EP3395980A4; EP3771746A1; US10961610B2; US11873546B2

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

DOCDB simple family (publication)

EP 2796585 A1 20141029; **EP 2796585 A4 20160224**; **EP 2796585 B1 20170927**; CN 104011248 A 20140827; CN 104011248 B 20160817; JP 2015507090 A 20150305; JP 6002779 B2 20161005; US 2015211088 A1 20150730; WO 2013095005 A1 20130627

DOCDB simple family (application)

EP 12859366 A 20121220; CN 201280064011 A 20121220; JP 2014548662 A 20121220; KR 2012011168 W 20121220; US 201214367480 A 20121220