

Title (en)

Manufacturing method for a permanent magnet, moulding system and permanent magnet

Title (de)

Herstellungsverfahren für ein Permanentmagnet, Formsystern und Permanentmagnet

Title (fr)

Procédé de fabrication d'aimant permanent, système de moulage et aimant permanent

Publication

**EP 2605253 B1 20160302 (EN)**

Application

**EP 11193247 A 20111213**

Priority

EP 11193247 A 20111213

Abstract (en)

[origin: EP2605253A1] It is described a method for manufacturing a permanent magnet, the method comprising: separating, by a separator (107, 207), a mould volume into a first compartment (109, 209) and a second compartment (111, 211); filling a first material (119, 219) into the first compartment (109, 209); filling a second material (121, 221) into the second compartment (111, 211); compacting the first material and the second material, wherein the separator is shaped such that a shape of the first compartment corresponds to a target shape of the magnet.

IPC 8 full level

**H01F 1/057** (2006.01); **H01F 7/02** (2006.01); **H01F 41/02** (2006.01)

CPC (source: EP)

**H01F 7/0221** (2013.01); **H01F 41/026** (2013.01); **H01F 41/0266** (2013.01); **H01F 1/0577** (2013.01)

Cited by

US11315711B2; WO2018113990A1

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 2605253 A1 20130619**; **EP 2605253 B1 20160302**; CN 103157794 A 20130619; CN 103157794 B 20161221; DK 2605253 T3 20160509; WO 2013087609 A2 20130620; WO 2013087609 A3 20130815

DOCDB simple family (application)

**EP 11193247 A 20111213**; CN 201210537415 A 20121213; DK 11193247 T 20111213; EP 2012075049 W 20121211