

Title (en)
Residual air dividing disc

Title (de)
Restluftspaltscheibe

Title (fr)
Plaque d'écartement pour l'air résiduel

Publication
EP 2254130 A3 20141210 (DE)

Application
EP 10157979 A 20100326

Priority
DE 102009003213 A 20090519

Abstract (en)
[origin: EP2254130A2] The magnet assembly (10) has a magnet core (22) assimilated in a magnetic case (32). A magnet coil (24) is arranged in the magnet core. The magnet coil operates on an armature (14,16). The magnet core has a front side assigned to the armature, and comprises an air gap disk (44). The air gap disk is fixed at clamping point (42) by traction. An independent claim is also included for a method for assembling a magnet assembly.

IPC 8 full level
F02M 63/00 (2006.01); **H01F 7/16** (2006.01)

CPC (source: EP)
F02M 63/0015 (2013.01); **F02M 63/0075** (2013.01); **H01F 7/1638** (2013.01); **F02M 47/027** (2013.01); **F02M 2200/07** (2013.01); **F02M 2200/8015** (2013.01); **F02M 2200/8053** (2013.01); **F02M 2200/8061** (2013.01); **H01F 2007/1661** (2013.01)

Citation (search report)

- [XA] DE 19802244 A1 19990729 - BOSCH GMBH ROBERT [DE]
- [A] EP 2025922 A2 20090218 - BOSCH GMBH ROBERT [DE]
- [A] EP 1231378 A2 20020814 - DELPHI TECH INC [US]

Cited by
DE102013010833A1; DE102013212504A1; US9941042B2; WO2012000721A1; WO2017148600A1; EP3014635B1

Designated contracting state (EPC)
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 SE SI SK SM TR

Designated extension state (EPC)
AL BA ME RS

DOCDB simple family (publication)
EP 2254130 A2 20101124; EP 2254130 A3 20141210; EP 2254130 B1 20180815; CN 101894655 A 20101124; CN 101894655 B 20161019; DE 102009003213 A1 20101125

DOCDB simple family (application)
EP 10157979 A 20100326; CN 201010185345 A 20100519; DE 102009003213 A 20090519