

Title (en)
MAGNETIC COUPLER

Title (de)
MAGNETISCHER KOPPLER

Title (fr)
COUPLEUR MAGNETIQUE

Publication
EP 2499392 A4 20130522 (EN)

Application
EP 10827735 A 20101109

Priority
• AU 2009905479 A 20091109
• AU 2010001492 W 20101109

Abstract (en)
[origin: WO2011054062A1] A magnetic coupling comprising: an outer support having an interior cavity defined by an cavity periphery and being rotatable around an axis of rotation, the outer support having a plurality of outer magnets arranged at or adjacent the cavity periphery; an inner support at least a portion of which is located within the cavity, the inner support being rotatable about an axis and having a plurality of inner magnets arranged around and at or adjacent to a periphery wherein the inner magnets and the outer magnets are arranged such that at a given time, at least a portion of at least some of the inner magnets are located between at least a portion of at least some of the outer magnets.

IPC 8 full level
F16D 27/00 (2006.01); **B60K 17/02** (2006.01); **F16D 3/00** (2006.01)

CPC (source: EP)
F16D 3/00 (2013.01); **F16D 27/01** (2013.01)

Citation (search report)
• [X] SU 872838 A1 19811015 - SHISHKAREV MIKHAIL P [SU]
• [X] JP H09280341 A 19971028 - CKD CORP
• [A] EP 1069671 A1 20010117 - SEGATTINI TIZIANO [IT]
• See references of WO 2011054062A1

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)
WO 2011054062 A1 20110512; AU 2010314760 A1 20120628; EP 2499392 A1 20120919; EP 2499392 A4 20130522

DOCDB simple family (application)
AU 2010001492 W 20101109; AU 2010314760 A 20101109; EP 10827735 A 20101109