

Title (en)
AXIAL MAGNETIC ATTRACTION DEVICE

Title (de)
AXIALE MAGNETISCHE ANZIEHUNGSVORRICHTUNG

Title (fr)
DISPOSITIF ATTRACTION MAGNETIQUE AXIAL

Publication
EP 3310683 B1 20200429 (FR)

Application
EP 16741073 A 20160613

Priority
• FR 1555593 A 20150618
• FR 2016051417 W 20160613

Abstract (en)
[origin: WO2016203143A1] Device comprising a base part (1) and a removable member (3) mounted removably on the base part (1), the base part (1) and the removable member (3) comprising magnetic means (15, 35) that are able to generate axial magnetic attraction between one another which is at a maximum in an assembled rest position, characterized in that it also comprises movement means (4), separate from the removable member (3), for axially moving the removable member (3) away from the base part (1), starting from the assembled rest position, by rotation of an actuating member (7) that is part of the movement means (4), in order to reduce the magnetic attraction between the base part (1) and the removable member (3) and thus to make it easier to remove the removable member (3).

IPC 8 full level
B65D 45/02 (2006.01); **B65D 47/04** (2006.01)

CPC (source: CN EP US)
B65D 45/02 (2013.01 - CN EP US); **B65D 47/04** (2013.01 - CN EP US); **B65D 2313/04** (2013.01 - CN EP US)

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 2016203143 A1 20161222; BR 112017025506 A2 20180807; BR 112017025506 B1 20220712; CN 107750228 A 20180302; CN 107750228 B 20190806; EP 3310683 A1 20180425; EP 3310683 B1 20200429; FR 3037569 A1 20161223; FR 3037569 B1 20170721; US 10894636 B2 20210119; US 2018290794 A1 20181011

DOCDB simple family (application)
FR 2016051417 W 20160613; BR 112017025506 A 20160613; CN 201680035451 A 20160613; EP 16741073 A 20160613; FR 1555593 A 20150618; US 201615578002 A 20160613