

Title (en)

CENTRING AND FIXING RING FOR AN ELECTRIC MOTOR

Title (de)

ZENTRIER- UND FIXIERRING FÜR EINEN ELEKTRISCHEN MOTOR

Title (fr)

BAGUE DE FIXATION ET DE CENTRAGE POUR MOTEUR ÉLECTRIQUE

Publication

EP 3243262 A1 20171115 (DE)

Application

EP 15817228 A 20151217

Priority

- DE 102015200040 A 20150106
- EP 2015080268 W 20151217

Abstract (en)

[origin: WO2016110391A1] The invention relates to a centring and fixing ring (1) for an electric motor (5) for centring and fixing the motor (5) in a housing (7), wherein the motor (5) has a substantially cylindrically-shaped structure, wherein the ring (1) is formed from a strip (2) and can be fastened on an outer surface of the motor (5), such that, in the installed state of the motor, the ring (1) is arranged in a gap (72) occurring between the motor (5) and the housing (7), characterised in that the ring (1) comprises a number of spring elements (3) which are arranged on the strip (2) and which, in the installed state of the motor (5), each exert a substantially radially directed pressure in the housing (7), in order to radially and axially fix the motor (5) in the housing (7).

IPC 8 full level

H02K 5/26 (2006.01)

CPC (source: CN EP US)

H02K 1/185 (2013.01 - CN EP US); **F16D 1/0835** (2013.01 - EP); **H02K 5/04** (2013.01 - CN EP); **H02K 9/223** (2021.01 - CN EP US); **H02K 15/16** (2013.01 - CN EP)

Citation (search report)

See references of WO 2016110391A1

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

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

DE 102015200040 A1 20160707; CN 107112825 A 20170829; EP 3243262 A1 20171115; WO 2016110391 A1 20160714

DOCDB simple family (application)

DE 102015200040 A 20150106; CN 201580072457 A 20151217; EP 15817228 A 20151217; EP 2015080268 W 20151217