

Title (en)
EXCENTRIC MOTOR

Title (de)
EXZENTRISCHER MOTOR

Title (fr)
MOTEUR EXCENTRIQUE

Publication
EP 2964885 A2 20160113 (EN)

Application
EP 14733683 A 20140306

Priority
• HU P1300144 A 20130307
• HU P1300740 A 20131219
• HU 2014000024 W 20140306

Abstract (en)
[origin: US2015377023A1] The eccentric motor has a motor housing with an internal cylinder space. A main shaft is concentrically aligned with a central axis of the cylindrical space. A rotary blade is rigidly fixed, and arranged radially with respect, to the main shaft. A rotor is eccentrically arranged inside the motor housing, wherein the rotational axis of the rotor is spaced at a predetermined distance of eccentricity from the central axis of the main sheath surface of the motor housing. The rotary blade and the rotor are coupled to each other through a coupling member to establish a forced mechanical connection therebetween. The coupling member is adapted to move relative to the rotary blade in a direction parallel to the longitudinal axis thereof, and also relative to the rotor in a direction perpendicular to the longitudinal axis of the rotary blade.

IPC 8 full level
F01C 1/344 (2006.01); **F01C 21/08** (2006.01)

CPC (source: EP US)
F01C 1/3442 (2013.01 - EP US); **F01C 21/0827** (2013.01 - 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

Designated extension state (EPC)
BA ME

DOCDB simple family (publication)
US 2015377023 A1 20151231; EP 2964885 A2 20160113; JP 2016517490 A 20160616; WO 2014135908 A2 20140912;
WO 2014135908 A3 20141127

DOCDB simple family (application)
US 201414772482 A 20140306; EP 14733683 A 20140306; HU 2014000024 W 20140306; JP 2015560783 A 20140306