

Title (en)
SUPPORT DEVICE FOR BALANCE CORRECTION

Title (de)
TRÄGERVORRICHTUNG ZUR BALANCEKORREKTUR

Title (fr)
DISPOSITIF DE SUPPORT POUR CORRECTION D'ÉQUILIBRE

Publication
EP 2891873 A1 20150708 (EN)

Application
EP 13833183 A 20130829

Priority
• JP 2012189633 A 20120830
• JP 2013073118 W 20130829

Abstract (en)
The support apparatus for balance correction of the present invention provides a vent hole (38) at a position facing a polygon-shaped cross-section portion (26a) of a support hole, of an outer peripheral surface of a mandrel (11) on which the support hole (22) of a rotating body (1) having a portion (26) formed in a polygonal cross-sectional shape on an end side is mounted. The vent hole (38) relieves pressure varying in a space between the polygon-shaped cross-section portion and the outer peripheral surface of the mandrel outside according to the rotation of the rotating body.

IPC 8 full level
G01M 1/04 (2006.01); **G01M 1/16** (2006.01)

CPC (source: EP)
F01D 5/027 (2013.01)

Cited by
US10054129B2; US2023037942A1; US10837856B2; US11549857B2

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)
EP 2891873 A1 20150708; EP 2891873 A4 20160406; EP 2891873 B1 20170726; CN 104769404 A 20150708; CN 104769404 B 20180227; HK 1212019 A1 20160603; JP 2014048091 A 20140317; JP 5415601 B1 20140212; KR 101988465 B1 20190612; KR 20150047566 A 20150504; WO 2014034769 A1 20140306

DOCDB simple family (application)
EP 13833183 A 20130829; CN 201380051020 A 20130829; HK 15112671 A 20151224; JP 2012189633 A 20120830; JP 2013073118 W 20130829; KR 20157007285 A 20130829