

Title (en)
COMPRESSOR

Title (de)
VERDICHTER

Title (fr)
COMPRESSEUR

Publication
EP 3495659 B1 20210113 (EN)

Application
EP 18208169 A 20181123

Priority
KR 20170168932 A 20171211

Abstract (en)
[origin: EP3495659A1] A compressor includes: a case (10); a stator (100) accommodated in the case, and including a stator core (110); a rotor (31) rotatably disposed in an inside of the stator core; a bracket (200) coupled to a lower portion of the stator core; a rotation shaft (40) configured to rotate together with the rotor, and having a cavity (44) for raising oil stored in the case; a pickup shaft (50) accommodated in the cavity; and a support member (60) connected to the pickup shaft to support the pickup shaft, and coupled to the bracket (200) or the stator core (110).

IPC 8 full level
F04B 39/02 (2006.01)

CPC (source: EP KR US)
F04B 35/04 (2013.01 - US); **F04B 39/0246** (2013.01 - EP KR US); **F04B 39/0261** (2013.01 - EP US); **F04B 39/0276** (2013.01 - KR);
F04B 39/14 (2013.01 - KR); **F25B 31/002** (2013.01 - US)

Citation (examination)
• US 2002170779 A1 20021121 - KIM JONG-HYUK [KR]
• US 2017204753 A1 20170720 - SACOMORI DIEGO [BR], et al

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)
EP 3495659 A1 20190612; **EP 3495659 B1 20210113**; CN 111480004 A 20200731; CN 111480004 B 20221230; KR 102491596 B1 20230125;
KR 20190068782 A 20190619; US 2019178240 A1 20190613; WO 2019117471 A1 20190620

DOCDB simple family (application)
EP 18208169 A 20181123; CN 201880080054 A 20181108; KR 20170168932 A 20171211; KR 2018013532 W 20181108;
US 201816215881 A 20181211