

Title (en)
SCROLL COMPRESSOR

Title (de)
SPIRALVERDICHTER

Title (fr)
COMPRESSEUR À VOLUTES

Publication
EP 3076019 A1 20161005 (EN)

Application
EP 14866661 A 20141201

Priority
• JP 2013248126 A 20131129
• JP 2014005993 W 20141201

Abstract (en)
If oil shortage occurs and oil feed to an upper bearing (62) through an oil feed path (27) is stopped, oil accumulated in a crank chamber (54) is fed to the upper bearing (62) from the crank chamber (54) through a bearing back-face passage (53a) and an annular groove (24a) due to a pump effect of a spiral groove (24b).

IPC 8 full level
F04C 18/02 (2006.01); **F04C 29/02** (2006.01)

CPC (source: EP US)
F04C 18/0215 (2013.01 - EP US); **F04C 29/02** (2013.01 - US); **F04C 29/023** (2013.01 - EP US); **F04C 29/026** (2013.01 - EP US); **F04C 23/008** (2013.01 - EP US); **F04C 2240/50** (2013.01 - EP US); **F04C 2240/60** (2013.01 - US); **F04C 2240/809** (2013.01 - 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

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EP 3076019 A1 20161005; EP 3076019 A4 20170524; CN 105765225 A 20160713; CN 105765225 B 20170606; JP 2015127531 A 20150709; JP 5716862 B1 20150513; US 2017002816 A1 20170105; WO 2015079711 A1 20150604

DOCDB simple family (application)
EP 14866661 A 20141201; CN 201480064278 A 20141201; JP 2014005993 W 20141201; JP 2014243070 A 20141201; US 201415038878 A 20141201