

Title (en)

DOUBLE ROTATING SCROLL TYPE COMPRESSOR

Title (de)

ROTIERENDER DOPPELSPIRALVERDICHTER

Title (fr)

COMPRESSEUR À DOUBLE ROTATION DE TYPE À SPIRALE

Publication

EP 3530945 A1 20190828 (EN)

Application

EP 17874158 A 20171122

Priority

- JP 2016227830 A 20161124
- JP 2017042070 W 20171122

Abstract (en)

A co-rotating scroll compressor includes: a driving-side scroll member (7); a driven-side scroll member (9); a pin ring mechanism (15) that transmits driving force from the driving-side scroll member (7) to the driven-side scroll member (9) so that the driving-side scroll member (7) and the driven-side scroll member (9) rotationally move in a same direction at a same angular velocity; and a coil spring (14) that biases a distal end of a driving-side wall (7b) and a distal end of a driven-side wall (9b) in a direction toward a driven-side end plate (9a) and a driving-side end plate (7a) that are opposed to the distal end of the driving-side wall (7b) and the distal end of the driven-side wall (9b).

IPC 8 full level

F04C 18/02 (2006.01)

CPC (source: EP US)

F01C 21/02 (2013.01 - EP); **F04C 18/023** (2013.01 - EP US); **F04C 27/005** (2013.01 - EP US); **F04C 23/008** (2013.01 - US); **F04C 2240/30** (2013.01 - US); **F04C 2240/50** (2013.01 - US); **F04C 2240/56** (2013.01 - EP)

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 3530945 A1 20190828; **EP 3530945 A4 20191113**; **EP 3530945 B1 20201230**; CN 109964036 A 20190702; CN 109964036 B 20201027; JP 2018084199 A 20180531; JP 6749829 B2 20200902; US 2019368486 A1 20191205; WO 2018097199 A1 20180531

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