

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)
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Designated extension state (EPC)
BA ME

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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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