

Title (en)
SCROLL COMPRESSOR

Title (de)
SPIRALVERDICHTER

Title (fr)
COMPRESSEUR À SPIRALES

Publication
EP 3543536 A1 20190925 (EN)

Application
EP 17883255 A 20171109

Priority
• JP 2016247918 A 20161221
• JP 2017010245 A 20170124
• JP 2017040451 W 20171109

Abstract (en)
Provided is a pin-ring mechanism (26) that supports a driving-side scroll member and a driven-side scroll member such that the driving-side scroll member and the driven-side scroll member are in relative revolving motion. The pin-ring mechanism (26) includes: a pin member (30); a ring member (34) that has an inner ring (34b) which comes into contact with the pin member (30), a plurality of balls (34c) which roll on the inner ring (34b), and a retainer (34d); and a bush 36 that is disposed on an inner periphery of the inner ring (34b), and receives a component of force in a circumferential direction of the inner ring (34b) from the pin member (30) to rotate together with the inner ring (34b).

IPC 8 full level
F04C 18/02 (2006.01)

CPC (source: EP US)
F01C 1/0215 (2013.01 - EP); **F04C 18/0215** (2013.01 - EP); **F04C 18/023** (2013.01 - US); **F04C 18/0246** (2013.01 - EP)

Designated contracting state (EPC)
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Designated extension state (EPC)
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DOCDB simple family (publication)
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EP 17883255 A 20171109; CN 201780078308 A 20171109; JP 2017040451 W 20171109; JP 2018557604 A 20171109; US 201716471292 A 20171109