

Title (en)
SCROLL COMPRESSOR WITH SUPPORTING MEMBER IN AXIAL DIRECTION

Title (de)
SPIRALVERDICHTER MIT TRAGELEMENT IN AXIALRICHTUNG

Title (fr)
COMPRESSEUR À VOLUTES COMPORTANT UN ÉLÉMENT DE SUPPORT DANS UNE DIRECTION AXIALE

Publication
EP 2764251 A4 20150603 (EN)

Application
EP 12839123 A 20120904

Priority
• KR 20110101494 A 20111005
• KR 2012007070 W 20120904

Abstract (en)
[origin: US2013089451A1] A scroll compressor includes a case, a fixed scroll having a fixed wrap, and an orbiting scroll having an orbiting wrap coupled to the fixed wrap to define compression chambers. A driving motor has a crankshaft, the crankshaft having one end portion coupled to the orbiting scroll, a main frame and an auxiliary frame fixed onto an inner wall of the case to support the crankshaft, respectively, and a thrust plate having an annular shape and interposed between the auxiliary frame and the crankshaft to support the crankshaft in an axial direction, wherein a plurality of oil channels are formed on a surface of the thrust plate so as to communicate an inside and an outside of the thrust plate with each other.

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

CPC (source: EP KR US)
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Citation (search report)
• [X1] JP H10281085 A 19981020 - ZEXEL CORP
• [A] US 2008069714 A1 20080320 - BONIFAS MARK A [US]
• See references of WO 2013051788A1

Designated contracting state (EPC)
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