

Title (en)
SCROLL COMPRESSOR

Title (de)
SPIRALVERDICHTER

Title (fr)
COMPRESSEUR À SPIRALE

Publication
EP 2940302 A4 20160824 (EN)

Application
EP 13869762 A 20131210

Priority
• JP 2012288807 A 20121228
• JP 2013007242 W 20131210

Abstract (en)
[origin: EP2940302A1] A housing (25) of a scroll compressor is provided with a recess (78) which is provided on a bottom (26a) of a receiving portion (26), and in which oil accumulates after lubricating a sliding portion (44) of an engaging portion (43), and an oil supply passage (70) which delivers the oil in the recess (78) to a sliding portion (35, 45) of a compression mechanism (20).

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

CPC (source: EP RU US)
F04C 18/02 (2013.01 - RU); **F04C 18/0215** (2013.01 - EP US); **F04C 29/0085** (2013.01 - US); **F04C 29/023** (2013.01 - EP US);
F04C 29/028 (2013.01 - EP US); **F04C 23/008** (2013.01 - EP US)

Citation (search report)
• [XAI] EP 0518356 A1 19921216 - DAIKIN IND LTD [JP]
• [XI] US 2005053508 A1 20050310 - MOROZUMI NAOYA [JP], et al
• [XI] EP 0217349 A2 19870408 - TOSHIBA KK [JP]
• [XI] US 5370513 A 19941206 - FAIN GARY K [US]
• See also references of WO 2014103204A1

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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

DOCDB simple family (publication)
EP 2940302 A1 20151104; EP 2940302 A4 20160824; EP 2940302 B1 20190710; BR 112015013435 A2 20170711;
BR 112015013435 B1 20211130; CN 104903583 A 20150909; CN 104903583 B 20171010; ES 2747231 T3 20200310;
JP 2014129793 A 20140710; JP 5655850 B2 20150121; KR 101728261 B1 20170418; KR 20150099849 A 20150901; RU 2600206 C1 20161020;
US 2015330390 A1 20151119; WO 2014103204 A1 20140703

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