

Title (en)
DOUBLE ROTATING SCROLL-TYPE COMPRESSOR

Title (de)
ROTIERENDER DOPPELSPIRALVERDICHTER

Title (fr)
COMPRESSEUR À SPIRALE À DOUBLE ROTATION

Publication
EP 3492747 A4 20190605 (EN)

Application
EP 17836983 A 20170801

Priority

- JP 2016151543 A 20160801
- JP 2016227831 A 20161124
- JP 2017013327 A 20170127
- JP 2017013323 A 20170127
- JP 2017028081 A 20170217
- JP 2017027946 W 20170801

Abstract (en)
[origin: EP3492747A1] There is provided a co-rotating scroll compressor in which a driving-side scroll member including a spiral wall between facing end plates can be manufacturable at low cost. A driving-side scroll member (70) includes a first driving-side scroll portion (71), a second driving-side scroll portion (72), and a bolt (31). The first driving-side scroll portion (71) includes a first driving-side end plate (71a) and a first driving-side wall (71b), and is driven by a motor (5). The second driving-side scroll portion (72) includes a second driving-side end plate (72a) and a second driving-side wall (72b). The bolt (31) performs fixing while a front end in a rotation axis direction of the first driving-side wall (71b) and a front end in the rotation axis direction of the second driving-side wall (72b) face each other.

IPC 8 full level
F04C 18/02 (2006.01); **F01C 1/02** (2006.01); **F04C 23/00** (2006.01); **F04C 29/00** (2006.01)

CPC (source: EP US)
F01C 1/0238 (2013.01 - EP US); **F04C 18/02** (2013.01 - EP); **F04C 18/0223** (2013.01 - EP); **F04C 18/0238** (2013.01 - EP US); **F04C 18/0253** (2013.01 - EP); **F04C 23/001** (2013.01 - EP US); **F04C 23/008** (2013.01 - EP US); **F04C 29/005** (2013.01 - US); **F04C 29/0078** (2013.01 - EP)

Citation (search report)

- [XY] US 2013302199 A1 20131114 - UNAMI ATSUSHI [JP], et al
- [XY] US 2016131133 A1 20160512 - FUJIOKA TAMOTSU [JP], et al
- [Y] JP H09126159 A 19970513 - DAIKIN IND LTD
- [Y] JP H08128395 A 19960521 - HITACHI LTD
- [Y] WO 2005010370 A1 20050203 - DAIKIN IND LTD [JP], et al
- See references of WO 2018025880A1

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 3492747 A1 20190605; **EP 3492747 A4 20190605**; CN 109563832 A 20190402; CN 109563832 B 20201204; JP 6759340 B2 20200923; JP WO2018025880 A1 20190606; US 2020386227 A1 20201210; WO 2018025880 A1 20180208

DOCDB simple family (application)
EP 17836983 A 20170801; CN 201780047628 A 20170801; JP 2017027946 W 20170801; JP 2018531934 A 20170801; US 201716321668 A 20170801