

Title (en)

SCROLL COMPRESSOR AND METHOD FOR PRODUCING SCROLL COMPRESSOR

Title (de)

SPIRALVERDICHTER UND VERFAHREN ZUR HERSTELLUNG EINES SPIRALVERDICHTERS

Title (fr)

COMPRESSEUR À SPIRALE ET PROCÉDÉ DE PRODUCTION DE COMPRESSEUR À SPIRALE

Publication

**EP 3315777 A4 20180822 (EN)**

Application

**EP 16861893 A 20161012**

Priority

- JP 2015217463 A 20151105
- JP 2016080210 W 20161012

Abstract (en)

[origin: EP3315777A1] A scroll compressor (100) includes an electric motor (3), a rotary shaft (4), a scroll compressor body, a main bearing, a sub bearing (9B) having a plurality of arms (79), a housing (1), a harness (40) having a ring shape and fitted onto an inner peripheral surface (1A) of the housing (1), and a fixed portion (B) in which the arms (79) of the sub bearing is fixed (9B) to the harness (40).

IPC 8 full level

**F04C 18/02** (2006.01); **F01C 21/00** (2006.01); **F01C 21/02** (2006.01); **F04C 23/00** (2006.01); **F04C 29/00** (2006.01); **F04C 29/02** (2006.01)

CPC (source: EP)

**F01C 21/007** (2013.01); **F01C 21/02** (2013.01); **F04C 18/02** (2013.01); **F04C 23/008** (2013.01); **F04C 29/0021** (2013.01); **F04C 29/028** (2013.01); **F04C 2240/56** (2013.01)

Citation (search report)

- [Y] US 2012174620 A1 20120712 - TAKASHIMA KAZU [JP], et al
- [Y] US 2004057857 A1 20040325 - SKINNER ROBERT G [US]
- [Y] US 2009269192 A1 20091029 - HODAPP THOMAS R [US]
- [Y] US 2015152864 A1 20150604 - NAGAOKA FUMIKAZU [JP], et al
- See references of WO 2017077826A1

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 3315777 A1 20180502**; **EP 3315777 A4 20180822**; **EP 3315777 B1 20191023**; CN 107923396 A 20180417; JP 2017089427 A 20170525; WO 2017077826 A1 20170511

DOCDB simple family (application)

**EP 16861893 A 20161012**; CN 201680043785 A 20161012; JP 2015217463 A 20151105; JP 2016080210 W 20161012