

Title (en)  
CONNECTION COMPONENT OF A REFRIGERANT COMPRESSOR

Title (de)  
VERBINDUNGSBAUTEIL EINES KÄLTEMITTELVERDICHTERS

Title (fr)  
ÉLÉMENT DE RACCORDEMENT D'UN COMPRESSEUR DE RÉFRIGÉRANT

Publication  
**EP 3317599 A1 20180509 (DE)**

Application  
**EP 16735617 A 20160630**

Priority  
• AT 501302015 U 20150630  
• EP 2016065333 W 20160630

Abstract (en)  
[origin: WO2017001574A1] The invention relates to a connection component (4) of a refrigerant compressor (1) for connecting a housing (2) of the refrigerant compressor (1) to a device in operative connection with the refrigerant compressor (1), said connection component (4) comprising an inner element (5) and an outer element (6) surrounding the inner element (5), wherein the inner element (5) has a higher stiffness than the outer element (6), and wherein the outer element (6) has a functional section (30). According to the invention, for improved vibration decoupling between the refrigerant compressor (1) and the device (3), a free space (15) is provided which adjoins the functional section (30) of the outer element (6) when viewed in a transverse direction (28), wherein the inner element (5) and the outer element (6) are arranged behind one another when viewed in parallel to the transverse direction (28), and wherein, in the loaded state of the connection component (4), the functional section (30) is deformed in such a way that it projects into the free space (15).

IPC 8 full level  
**F25D 23/00** (2006.01)

CPC (source: AT EP US)  
**F04B 39/0044** (2013.01 - AT US); **F25D 23/006** (2013.01 - EP US); **F25B 2500/13** (2013.01 - EP US)

Citation (search report)  
See references of WO 2017001574A1

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)  
**WO 2017001574 A1 20170105**; AT 14820 U1 20160715; CN 108139139 A 20180608; CN 108139139 B 20210330; EP 3317599 A1 20180509; EP 3317599 B1 20181031; US 10865781 B2 20201215; US 2020032782 A1 20200130

DOCDB simple family (application)  
**EP 2016065333 W 20160630**; AT 501302015 U 20150630; CN 201680049145 A 20160630; EP 16735617 A 20160630; US 201615741112 A 20160630