

Title (en)

ELECTRIC FIXING AND CONNECTING DEVICE OF AN HERMETIC COMPRESSOR

Title (de)

ELEKTRISCHE FIXIER- UND VERBINDUNGS-VORRICHTUNG EINES HERMETISCHEN VERDICHTERS

Title (fr)

DISPOSITIF DE FIXATION ET RACCORDEMENT ÉLECTRIQUE D'UN COMPRESSEUR HERMÉTIQUE

Publication

EP 3084214 A1 20161026 (FR)

Application

EP 14814861 A 20141217

Priority

- FR 1363340 A 20131220
- EP 2014078285 W 20141217

Abstract (en)

[origin: WO2015091683A1] The invention relates to a sealed compressor (10) comprising a motor pump unit, a hermetic casing (11) and means of electrical connection (12), the motor pump unit being positioned inside the hermetic casing (11), the connection means (12) allowing the motor pump unit to be powered electrically through the hermetic casing (11), the connection means (12) comprising an earth rod (13) and at least two power supply terminals (14, 15, 16). According to the invention, the connection means (12) comprise a mobile housing (20) and a power supply cable (21), the housing (20) being arranged at the end of the cable (21), connection of the housing (20) to the earth rod (13) and to the power supply terminals (14, 15, 16) being achieved in a translational movement in a direction of insertion (22). Connection of the housing (20) to the earth rod (13) comprises non-return means that prevent the housing (20) from moving in an opposite direction to the direction of insertion (22).

IPC 8 full level

F04B 35/04 (2006.01); **F04B 39/12** (2006.01); **F04B 39/14** (2006.01); **F04C 23/00** (2006.01); **H01R 4/64** (2006.01); **H01R 9/16** (2006.01); **H01R 13/447** (2006.01); **H01R 13/631** (2006.01)

CPC (source: EP US)

F04B 35/04 (2013.01 - EP US); **F04B 39/121** (2013.01 - EP US); **F04B 39/14** (2013.01 - EP US); **F04B 53/16** (2013.01 - US); **F04C 23/008** (2013.01 - EP US); **F04C 29/0085** (2013.01 - US); **F04D 25/06** (2013.01 - US); **F04D 25/0693** (2013.01 - US); **F04D 29/403** (2013.01 - US); **H01R 4/64** (2013.01 - EP US); **H01R 13/6392** (2013.01 - US); **H01R 13/652** (2013.01 - US); **H01R 13/74** (2013.01 - US); **H01R 33/97** (2013.01 - US); **F04C 2240/30** (2013.01 - US); **F04C 2240/803** (2013.01 - EP US); **H01R 9/16** (2013.01 - EP US); **H01R 2201/00** (2013.01 - US)

Citation (search report)

See references of WO 2015091683A1

Cited by

CZ308836B6

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 2015091683 A1 20150625; EP 3084214 A1 20161026; EP 3084214 B1 20171115; ES 2656199 T3 20180226; FR 3015796 A1 20150626; FR 3015796 B1 20170210; US 2016319824 A1 20161103; US 9651052 B2 20170516

DOCDB simple family (application)

EP 2014078285 W 20141217; EP 14814861 A 20141217; ES 14814861 T 20141217; FR 1363340 A 20131220; US 201415106186 A 20141217