

Title (en)  
ELECTRICAL CONNECTION DEVICE FOR A COMPRESSOR AND COMPRESSOR COMPRISING SUCH AN ELECTRICAL CONNECTION DEVICE

Title (de)  
ELEKTRISCHE VERBUNDUNGSVORRICHTUNG FÜR EINEN VERDICHTER UND VERDICHTER MIT SOLCH EINER ELEKTRISCHEN VERBUNDUNGSVORRICHTUNG

Title (fr)  
DISPOSITIF DE RACCORDEMENT ELECTRIQUE POUR COMPRESSEUR ET COMPRESSEUR COMPRENANT UN TEL DISPOSITIF DE RACCORDEMENT ELECTRIQUE

Publication  
**EP 3008778 A1 20160420 (FR)**

Application  
**EP 14739937 A 20140613**

Priority  
• FR 1355605 A 20130614  
• IB 2014062189 W 20140613

Abstract (en)  
[origin: WO2014199343A1] The invention concerns an electrical connection device (5) for a compressor, the electrical connection device (5) comprising a connection block (7) for connection to an electric motor (2) of the compressor, a plurality of removable electrical connection elements (72) fitted in a triangle in said connection block (7) to engage with a connection terminal (6) of a control device (1) of said electric motor (2) and at least one electrically insulating element (8) removably mounted on the connection block (7) in such a way as to insulate the electrical connection elements (72) from a wall separating the control device (1) from the electric motor (2), said electrically insulating element (8) being configured to provide a stop for said electrical connection elements (72) when said connection block (7) is inserted into said electrically insulating element (8). The invention also concerns a compressor comprising such an electrical connection device (5).

IPC 8 full level  
**H01R 13/424** (2006.01); **H01R 13/514** (2006.01); **H01R 13/52** (2006.01); **H01R 13/53** (2006.01)

CPC (source: EP US)  
**H01R 13/405** (2013.01 - US); **H01R 13/424** (2013.01 - EP US); **H01R 13/5213** (2013.01 - EP US); **H01R 13/53** (2013.01 - EP US); **H02K 5/225** (2013.01 - US); **H02K 11/33** (2016.01 - US); **H01R 13/514** (2013.01 - EP US); **H01R 2201/26** (2013.01 - EP US)

Citation (search report)  
See references of WO 2014199343A1

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 2014199343 A1 20141218**; CN 105308795 A 20160203; EP 3008778 A1 20160420; FR 3007218 A1 20141219; FR 3007218 B1 20150619; JP 2016528666 A 20160915; US 10033127 B2 20180724; US 2016172777 A1 20160616

DOCDB simple family (application)  
**IB 2014062189 W 20140613**; CN 201480033976 A 20140613; EP 14739937 A 20140613; FR 1355605 A 20130614; JP 2016518633 A 20140613; US 201414897841 A 20140613