

Title (en)

ELECTRICAL CONNECTION DEVICE FOR A COMPRESSOR AND COMPRESSOR COMPRISING SUCH A DEVICE

Title (de)

ELEKTRISCHE VERBINDUNGSVORRICHTUNG FÜR EINEN VERDICHTER UND VERDICHTER MIT SOLCH EINER VORRICHTUNG

Title (fr)

DISPOSITIF DE RACCORDEMENT ÉLECTRIQUE POUR COMPRESSEUR ET COMPRESSEUR COMPRENANT UN TEL DISPOSITIF

Publication

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Application

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- IB 2013002487 W 20131108

Abstract (en)

[origin: WO2014072799A1] 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 of the compressor, at least one removable electrical connection element (72) fitted inside said connection block (7) to engage with a connection terminal (6) of a control device of said electric motor and at least one electrically insulating element (8) removably mounted on the connection block (7) so as to insulate the electrical connection element (72) from a wall separating the electric motor from the control device, said electrically insulating element (8) keeping the electrical connection element (72) in position in the connection block (7), said connection block (7) comprises connection openings (74) or housings (100, 103) coming into correspondence with through-openings (85) formed in said electrically insulating element (8). The invention also concerns an assembly comprising an electrical connection device (5) according to any one of the previous claims and a sealing means (91), as well as a compressor comprising such an electrical connection device (5) or assembly.

IPC 8 full level

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Citation (search report)

See references of WO 2014072799A1

Citation (examination)

- US 6146200 A 20001114 - ITO OSAMU [JP], et al
- DE 102008055841 A1 20100506 - KOSTAL KONTAKT SYSTEME GMBH [DE]
- US 5252088 A 19931012 - MORELLO JOHN R [US], et al

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