

Title (en)

HERMETIC TERMINAL SOCKET AND TERMINAL PLUG FOR USE IN A HERMETIC COMPRESSOR

Title (de)

HERMETISCHE ANSCHLUSSDOSE UND ANSCHLUSSSTECKER ZUR VERWENDUNG IN EINEM HERMETISCH GEKAPPELTEN VERDICHTER

Title (fr)

PRISE ET BORNE DE RACCORDEMENT HERMÉTIQUE POUR UTILISATION DANS UN COMPRESSEUR HERMÉTIQUE

Publication

EP 3430262 B1 20190904 (EN)

Application

EP 16708408 A 20160314

Priority

EP 2016054845 W 20160314

Abstract (en)

[origin: WO2017157408A1] The present invention relates to a hermetic terminal socket (1) for use in a hermetic compressor (2) comprising: a casing (3) for hermetically accommodating a compressor-kit (4) and a terminal plug (5) for supplying power to the compressor-kit (4), wherein the casing (3) has an aperture (6) for receiving the hermetic terminal socket (1). The hermetic terminal socket (1) comprises: male terminals (7) whose outer ends (8) are adapted for connection to the mains and the inner ends (9) are adapted for connection to the said terminal plug (5). In the hermetic terminal socket (1) of the present invention, the inner ends (9) of the male terminals (7) extend perpendicularly relative to the outer ends (8) and are adapted to connect with or disconnect from the said terminal plug (5) when the said terminal plug (5) is moved along the direction which is perpendicular relative to the outer ends (8).

IPC 8 full level

F04B 35/04 (2006.01); **F01C 21/10** (2006.01); **F04B 39/12** (2006.01); **F04C 23/00** (2006.01); **H01R 4/58** (2006.01); **H01R 13/46** (2006.01); **H01R 13/52** (2006.01); **H01R 13/533** (2006.01); **H01R 13/642** (2006.01); **H01R 31/06** (2006.01)

CPC (source: EP)

F01C 21/10 (2013.01); **F04B 35/04** (2013.01); **F04B 39/121** (2013.01); **F04C 23/008** (2013.01); **H01R 13/642** (2013.01); **H01R 31/06** (2013.01); **F04C 2240/803** (2013.01); **H01R 13/533** (2013.01)

Cited by

EP4198307A1; WO2023111159A1

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

DOCDB simple family (publication)

WO 2017157408 A1 20170921; EP 3430262 A1 20190123; EP 3430262 B1 20190904; PL 3430262 T3 20200430

DOCDB simple family (application)

EP 2016054845 W 20160314; EP 16708408 A 20160314; PL 16708408 T 20160314