

Title (en)

A supply and protection device for a hermetic compressor of a refrigeration machine, a connector device for the connection of electrical components, and a hermetic compressor of a refrigeration machine provided with such a device

Title (de)

Stromversorgungs- und Schutzeinrichtung für einen hermetischen Verdichter einer Kältemaschine, Anschlussvorrichtung zur Verbindung elektrischer Bauteile und hermetischer Verdichter mit einer derartigen Vorrichtung

Title (fr)

Dispositif d'alimentation et de protection pour un compresseur hermétique d'une machine frigorifique, dispositif de connexion pour le raccordement de composants électriques et compresseur hermétique pourvu d'un tel dispositif

Publication

EP 0793068 A1 19970903 (EN)

Application

EP 97102972 A 19970224

Priority

IT TO960146 A 19960229

Abstract (en)

The metal casing (10) of a hermetic compressor is provided with a metal plate (14) which includes a projecting apertured lug (34). An electrical unit is attached to the plate (14) which includes an insulating support body (26) and an insulating earth-connector body (36) separate from the preceding body. The insulating support body (26) includes a protection switch (30) and a resistor having a positive temperature coefficient (PTC). The insulating earth-connector body (36) includes a seat (38) for receiving the lug (34), at least one portion acting as a cable clamp (72,74) and an apertured attachment wall (48) which delimits the seat (38) and flanks the lug (34). A shaped metal element (40) is held in the insulating body (36) which includes an apertured blade-like portion (44) and terminal earthing portions (46) for various electrical components of the refrigeration machine. A metal member such as a screw (64) passes through the holes of the lug (34), the attachment wall (48), the blade-like portion (44) and an end terminal of an earth conductor of a supply cable, for fixing them together. <IMAGE>

IPC 1-7

F25D 29/00

IPC 8 full level

F25B 31/00 (2006.01)

CPC (source: EP)

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Citation (search report)

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- [AD] EP 0313024 A1 19890426 - ZANUSSI ELETTROMECC [IT]
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