

Title (en)
Hermetic electric compressor

Title (de)
Hermetischer elektrischer Kompressor

Title (fr)
Compresseur électrique hermétique

Publication
EP 2664796 A3 20161116 (EN)

Application
EP 13163020 A 20130410

Priority
JP 2012113229 A 20120517

Abstract (en)
[origin: EP2664796A2] An object is to provide a hermetic electric compressor capable of preventing a sealing material from being crushed so as to reliably secure sealing performance even if a pressing force is large and its tolerance is wide, and also capable of preventing a tightening torque from being insufficient and a terminal cover from loosening. In a hermetic electric compressor (1) in which a terminal cover (7) protecting a terminal (5) passing through a hermetic housing (2) is tightened and fixed at a plurality of positions by a nut (10) to a bolt (9) provided on a side of the hermetic housing (2) with a sealing material (8) interposed therebetween, a pair of protruded portions (7D) regulating a compression allowance of the sealing material (8) are provided corresponding to each bolt (9) at symmetrical positions on a straight line passing through substantially the center of each bolt (9) on an inner peripheral sealing surface (7A) of the terminal cover (7) contacting and pressing the sealing material (8).

IPC 8 full level
F04B 39/12 (2006.01); **H01R 13/52** (2006.01)

CPC (source: EP)
F04B 39/121 (2013.01)

Citation (search report)

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- [X] EP 0779681 A1 19970618 - COPELAND CORP [US]
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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)
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