

Title (en)

ELECTRIC COMPRESSOR AND METHOD FOR MANUFACTURING ELECTRIC COMPRESSOR

Title (de)

ELEKTRISCHER KOMPRESSOR UND VERFAHREN ZUR HERSTELLUNG EINES ELEKTRISCHEN KOMPRESSORS

Title (fr)

COMPRESSEUR ÉLECTRIQUE ET SON PROCÉDÉ DE FABRICATION

Publication

EP 2816232 B1 20180926 (EN)

Application

EP 13749902 A 20130110

Priority

- JP 2012030776 A 20120215
- JP 2013050253 W 20130110

Abstract (en)

[origin: EP2816232A1] An object is to provide an electric compressor with which the need to process an external surface of a housing can be eliminated, making it possible to reduce time and labor involved in processing, and with which a protection member can easily be mounted to the external surface of the housing, and to provide a manufacturing method of an electric compressor. An electric compressor (1) comprises: a housing (2) having a curved external surface; an electric terminal (3) provided at the external surface of the housing; pin-like bolts (4a and 4b) that protrude from the external surface of the housing in a normal direction of the external surface; and a terminal guard (5) in which apertures (7a and 7b) that correspond to the positions and protruding directions of the bolts are formed, and that surrounds the electric terminal with the bolts being inserted into the apertures.

IPC 8 full level

F04B 39/00 (2006.01); **F04B 39/14** (2006.01)

CPC (source: EP)

F04B 35/04 (2013.01); **F04B 39/121** (2013.01); **F04B 39/14** (2013.01)

Cited by

EP3489513A4; US11525445B2

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)

EP 2816232 A1 20141224; **EP 2816232 A4 20151216**; **EP 2816232 B1 20180926**; CN 103998782 A 20140820; CN 103998782 B 20160824; JP 2013167202 A 20130829; JP 5863496 B2 20160216; WO 2013121808 A1 20130822

DOCDB simple family (application)

EP 13749902 A 20130110; CN 201380004289 A 20130110; JP 2012030776 A 20120215; JP 2013050253 W 20130110