

Title (en)

REFRIGERATING AGENT COMPRESSOR WITH IMPROVED PRESSURE CHAMBER

Title (de)

KÄLTEMITTELVERDICHTER MIT VERBESSERTER DRUCKKAMMER

Title (fr)

COMPRESSEUR POUR MACHINES FRIGORIFIQUES A CHAMBRE DE COMPRESSION AMELIOREE

Publication

**EP 1038108 B1 20020410 (DE)**

Application

**EP 98959667 A 19981210**

Priority

- AT 9800304 W 19981210
- AT 77597 U 19971211

Abstract (en)

[origin: WO9930038A1] The invention relates to a refrigerating agent compressor for electrical refrigerating appliances, especially for household refrigerators and deep freezers. Said compressor comprises an outer housing, an inner body, a pressure chamber integrated into said inner body and a lid used for closing the opening of the pressure chamber. The lid and the pressure chamber are provided with an annular flat edge (5) arranged in the region of the opening of the pressure chamber, as well as with a corresponding annular flat edge (6) which extends along the closing circumference of the lid. The annular flat edges can be mutually coupled so as to be steadily and reliably assembled. One of these annular flat edges is provided with a rib protruding relatively to the other opposite annular edge, and has a radial vertical profile which is substantially triangular, with a corner oriented towards the exterior, the angle of such a corner being comprised between 70 and 90 DEG . The bottom (E) of said pressure chamber is flat.

IPC 1-7

**F04B 39/12**; **F04B 11/00**

IPC 8 full level

**B65D 8/18** (2006.01); **F04B 11/00** (2006.01); **F04B 39/12** (2006.01)

CPC (source: EP US)

**F04B 11/0025** (2013.01 - EP US); **F04B 39/125** (2013.01 - EP US)

Designated contracting state (EPC)

DE DK ES FR GB IT

DOCDB simple family (publication)

**WO 9930038 A1 19990617**; BR 9814269 A 20001003; DE 59803789 D1 20020516; DK 1038108 T3 20020805; EP 1038108 A1 20000927; EP 1038108 B1 20020410; ES 2174518 T3 20021101; JP 2001526360 A 20011218; US 6401965 B1 20020611

DOCDB simple family (application)

**AT 9800304 W 19981210**; BR 9814269 A 19981210; DE 59803789 T 19981210; DK 98959667 T 19981210; EP 98959667 A 19981210; ES 98959667 T 19981210; JP 2000524584 A 19981210; US 55503300 A 20000523