

Title (en)

Hermetic motor-compressor unit for a refrigeration circuit.

Title (de)

Hermetische Motorendichtereinheit für einen Kühlkreislauf.

Title (fr)

Ensemble moteur-compresseur hermétique pour un circuit de réfrigération.

Publication

**EP 0195486 A2 19860924 (EN)**

Application

**EP 86200422 A 19860318**

Priority

IT 1999585 A 19850321

Abstract (en)

In a motor-compressor unit for a refrigerant circuit the suction or inlet plenum chamber (A) is made as a separate part (27) of a plastics material in order to reduce heat transfer from the cylinder head (17) to the suction chamber (A). Preferably, the suction chamber (27) is integrally formed with the inlet muffler (40). A further reduction of heat transfer to the refrigerant gas is obtained by an elastic connection (52) between the inlet conduit (60) and the inlet muffler (40).

IPC 1-7

**F04B 39/12**

IPC 8 full level

**F04B 39/00** (2006.01); **F04B 27/02** (2006.01); **F04B 39/06** (2006.01); **F04B 39/12** (2006.01)

CPC (source: EP)

**F04B 39/123** (2013.01); **F04B 39/125** (2013.01)

Cited by

WO2019029905A1; US7866955B2; FR2847953A1; EP0502487A1; US5224840A; DE19781490B4; CN1089865C; US5577898A; GB2238087A; GB2238087B; US5542824A; KR100932254B1; DE19915918A1; DE19915918C2; ES2068083A2; US5613842A; USRE33902E; EP2339178A4; DE3715661A1; US4784583A; DE3715661C2; CN102292547A; EP0588381A3; US5207564A; US4990067A; US4784581A; FR2793848A1; US5496156A; DE3714003A1; FR2598181A1; US4755108A; US10495080B2; US8585373B2; WO2010085041A3; WO02052152A1; WO9105165A1; WO2005093255A1; WO2017194516A1; WO2017211704A1; WO2022203598A1; WO9301412A1; WO2007015222A1; WO2017153272A1; WO9822712A1; WO2016082016A1; WO2021077186A1

Designated contracting state (EPC)

DE FR GB SE

DOCDB simple family (publication)

**EP 0195486 A2 19860924**; **EP 0195486 A3 19890329**; CN 1006489 B 19900117; CN 86102710 A 19861217; ES 293027 U 19861216; ES 293027 Y 19870801; IT 1184167 B 19871022; IT 8519995 A0 19850321; JP S61223276 A 19861003

DOCDB simple family (application)

**EP 86200422 A 19860318**; CN 86102710 A 19860318; ES 293027 U 19860318; IT 1999585 A 19850321; JP 6389186 A 19860320