

Title (en)
A HERMETIC COMPRESSOR WITH IMPROVED SEALING

Title (de)
HERMETISCHER VERDICHTER MIT VERBESSERTER ABDICHTUNG

Title (fr)
COMPRESSEUR HERMÉTIQUE À ÉTANCHÉITÉ AMÉLIORÉE

Publication
EP 3707380 A1 20200916 (EN)

Application
EP 18783415 A 20181002

Priority

- TR 201717699 A 20171110
- EP 2018076777 W 20181002

Abstract (en)
[origin: WO2019091665A1] The present invention relates to a hermetic compressor (1) suitable for use for circulation of the refrigerant fluid in cooling devices, for example refrigerators, comprising a casing (2); a cylinder (3) that is disposed in the casing (2) and that enables the refrigerant to be sucked and pumped; a piston (4) that is operated in the cylinder (3); a body (5) that supports the cylinder (3) and the piston (4); a cylinder head (6) that enables the refrigerant sucked and pumped by means of the cylinder head (4) into the cylinder (3) to be directed; an exhaust chamber (7) that is disposed in the cylinder head (6) and wherein the pumped refrigerant fluid is accumulated; a valve table (8) that is disposed between the cylinder (3) and the cylinder head (6); an insulating plate (11) that is produced from plastic and that is disposed between the valve table (8) and the cylinder head (6); a suction muffler (18), and a muffler head (19) that enables the refrigerant to be delivered to the cylinder (3).

IPC 8 full level
F04B 39/00 (2006.01); **F04B 39/10** (2006.01); **F04B 39/12** (2006.01)

CPC (source: EP)
F04B 39/0061 (2013.01); **F04B 39/1066** (2013.01); **F04B 39/125** (2013.01)

Citation (search report)
See references of WO 2019091665A1

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)
BA ME

DOCDB simple family (publication)
WO 2019091665 A1 20190516; EP 3707380 A1 20200916; EP 3707380 B1 20220608; PL 3707380 T3 20221003; TR 201717699 A2 20190521

DOCDB simple family (application)
EP 2018076777 W 20181002; EP 18783415 A 20181002; PL 18783415 T 20181002; TR 201717699 A 20171110