

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 B1 20220608 (EN)**

Application

**EP 18783415 A 20181002**

Priority

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- 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

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