

Title (en)

A HERMETIC COMPRESSOR WITH IMPROVED VIBRATION TUBE ASSEMBLY

Title (de)

HERMETISCHER VERDICHTER MIT VERBESSERTER SCHWINGROHRANORDNUNG

Title (fr)

COMPRESSEUR HERMÉTIQUE AVEC ENSEMBLE TUBE VIBRANT AMÉLIORÉ

Publication

EP 4194695 A1 20230614 (EN)

Application

EP 22199121 A 20220930

Priority

TR 202119238 A 20211207

Abstract (en)

The present invention relates to a compressor (1), which is a hermetic compressor suitable to be used in cooling devices, comprising a casing (2); a cylinder which is arranged in the casing and which enables the refrigerant to be sucked and pumped; a piston which operates in the cylinder; a body (3) which supports the cylinder and the piston; a cylinder head (4) that enables the refrigerant sucked and pumped by means of the movement of the piston to be guided; a valve plate (5) which is disposed between the cylinder and the cylinder head (4); and a vibration tube (6) which provides the discharge of the refrigerant.

IPC 8 full level

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CPC (source: EP)

F04B 39/0027 (2013.01); **F04B 39/0055** (2013.01); **F04B 39/0061** (2013.01); **F04B 39/123** (2013.01); **F04B 39/125** (2013.01)

Citation (applicant)

US 2006110269 A1 20060525 - BERWANGER EGIDIO [BR]

Citation (search report)

- [XAI] US 2015219086 A1 20150806 - PUFF RINALDO [BR], et al
- [YA] CN 101871446 A 20101027 - DANFOSS REFRIGERATION EQUIPMENT TIANJIN CO LTD
- [YDA] US 2006110269 A1 20060525 - BERWANGER EGIDIO [BR]
- [A] WO 2015000523 A1 20150108 - ARCELIK AS [TR], et al
- [A] WO 2015127997 A1 20150903 - ARCELIK AS [TR]

Designated contracting state (EPC)

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DOCDB simple family (publication)

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