

Title (en)
HERMETIC COMPRESSOR

Title (de)
HERMETISCHER VERDICHTER

Title (fr)
COMPRESSEUR HERMETIQUE

Publication
EP 1697637 A1 20060906 (EN)

Application
EP 04748168 A 20040727

Priority
• JP 2004011012 W 20040727
• JP 2003300869 A 20030826

Abstract (en)
[origin: WO2005019645A1] A compressing unit of a hermetic compressor includes a suction valve placed at an opening of a compressing room and a suction muffler. The muffler includes a suction muffler body which forms a sound-deadening space, a first communicating path which communicates with the suction valve and with the sound-deadening space, and a second communicating path which communicates with a hermetic container and with the sound-deadening space. An opening, situated in the sound-deadening space, of the first communicating path, and an opening, situated in the sound-deadening space, of the second communicating path are both open in the same direction. In addition, a sound-insulating wall is disposed on the wall of the muffler body at a place at least confronting both of the openings. This structure achieves low noise and high efficiency.

IPC 8 full level
F04B 39/00 (2006.01)

CPC (source: EP KR US)
F04B 35/04 (2013.01 - KR); **F04B 39/0055** (2013.01 - EP KR US); **F04B 39/125** (2013.01 - KR)

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