

Title (en)
HERMETIC COMPRESSOR

Title (de)
HERMETISCHER VERDICHTER

Title (fr)
COMPRESSEUR HERMETIQUE

Publication
EP 1815139 B1 20091202 (EN)

Application
EP 06811656 A 20061005

Priority

- JP 2006320359 W 20061005
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Abstract (en)
[origin: WO2007049461A1] A hermetic compressor includes a hermetic container, a compression element accommodated in the hermetic container, and a motor element driving the compression element. The hermetic container has an inner space therein arranged to store lubrication oil. The compression element includes a shaft unit rotating about a rotation axis. The shaft unit has an oil-feeding passage provided therein. The oil-feeding passage extends upward from a lower end of the shaft unit. The shaft unit has an oil-splattering hole provided therein. The oil-splattering hole extends substantially perpendicularly to the rotation axis. The oil-splattering hole has a first open end communicating with the oil-feeding passage and a second open end opening in the inner space of the hermetic container. The second open end has a cross-sectional area smaller than a cross-sectional area of the first open end. This hermetic compressor supplies lubrication oil to sliding component, such as a piston, of the compression element, thus operating reliably and efficiently.

IPC 8 full level
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F04B 39/0246 (2013.01 - EP US); **F04B 39/0253** (2013.01 - EP KR US); **F04B 39/0276** (2013.01 - KR)

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WO 2007049461 A1 20070503; CN 1955469 A 20070502; CN 200971846 Y 20071107; DE 602006010802 D1 20100114;
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