

Title (en)

VARIABLE CAPACITY HERMETIC COMPRESSOR

Title (de)

HERMETISCHER VERDICHTER MIT VARIABLER KAPAZITÄT

Title (fr)

COMPRESSEUR HERMÉTIQUE À CAPACITÉ VARIABLE

Publication

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Application

EP 10747046 A 20100827

Priority

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- EP 2010062593 W 20100827

Abstract (en)

[origin: WO2011023810A1] The present invention relates to a hermetic compressor (1) comprising a casing (2), a motor (3), a crankshaft (4), an oil pickup tube (5) which is connected to the crankshaft (4) and the lower end of which is immersed into oil inside the casing (2), and which sucks and delivers the oil to the crankshaft (4), more than one carrier spring (6) which are fixed to the lower side inside the casing (2) and which carry the motor (3), a platform (7) which is fixed to the lower side inside the casing (2) and which bears the oil pickup tube (5) lower end, through which the oil pickup tube (5) sucks the oil, by means of a hole situated at its center, and a speed control unit (8) which provides the speed of the motor (3) to be changed according to varying operating conditions; wherein the lubrication efficiency of the movable components is increased.

IPC 8 full level

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CPC (source: EP)

F04B 39/0253 (2013.01); **F04B 39/0261** (2013.01); **F04B 2203/0209** (2013.01)

Citation (search report)

See references of WO 2011023810A1

Cited by

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