

Title (en)  
COMPRESSOR

Title (de)  
KOMPRESSOR

Title (fr)  
COMPRESSEUR

Publication  
**EP 1618305 A1 20060125 (EN)**

Application  
**EP 04747818 A 20040715**

Priority  
• JP 2004010429 W 20040715  
• JP 2003277856 A 20030722

Abstract (en)  
[origin: WO2005008069A1] A compressor includes a cylinder block having a cylinder bore. The compressor includes a front housing joined to a front end of the cylinder block and having a crank chamber. The compressor includes a rear housing joined to a rear end of the cylinder block via a valve plate and having a suction chamber and a discharge chamber. The compressor includes a piston configured to reciprocate in response to rotation of a drive shaft rotatably supported in the crank chamber. The suction chamber includes a first suction chamber in fluid communication with a suction port for introducing a refrigerant from outside. The suction chamber includes a second suction chamber in fluid communication with the cylinder bore through the valve plate. The first and second suction chambers are separated by a partition and communicate with each other through communication passages defined by the partition.

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**F04B 39/00; F04B 27/10**

IPC 8 full level  
**F04B 27/08** (2006.01); **F04B 27/10** (2006.01); **F04B 39/00** (2006.01); **F04B 39/12** (2006.01)

CPC (source: EP)  
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