

Title (en)  
COOLANT COMPRESSOR SYSTEM

Title (de)  
KÄLTEMITTELVERDICHTERANLAGE

Title (fr)  
DISPOSITIF COMPRESSEUR D'AGENT FRIGORIFIQUE

Publication  
**EP 1105647 B1 20051019 (DE)**

Application  
**EP 00927008 A 20000420**

Priority  
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• EP 0003606 W 20000420

Abstract (en)  
[origin: US2001011463A1] In order to improve a refrigerant compressor apparatus comprising a drive motor, a compressor driven by the drive motor and having several cylinders arranged in a V shape and a compressor shaft bearing eccentrics for driving pistons operating in the respective cylinders in such a manner that as smooth a running as possible can be achieved at any desired V angle it is suggested that the cylinders be arranged at a V angle of less than 90°, that the compressor shaft be mounted with only two bearing sections thereof in corresponding compressor shaft bearings, that the eccentrics be arranged between the bearing sections and that a separate eccentric be provided for each piston and be arranged at a distance from the other, individual eccentrics for the respectively other pistons.

IPC 1-7  
**F04B 27/04**

IPC 8 full level  
**F04B 27/04** (2006.01); **F25B 1/10** (2006.01); **F25B 5/02** (2006.01); **F25B 31/02** (2006.01)

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