

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.

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