

Title (en)

PISTON COMPRESSOR FOR GASEOUS MEDIA

Title (de)

KOLBENVERDICHTER FÜR GASFÖRMIGE MEDIEN

Title (fr)

COMPRESSEUR A PISTON POUR MILIEUX GAZEUX

Publication

EP 0725899 B1 19980225 (DE)

Application

EP 95929102 A 19950811

Priority

- DE 4429098 A 19940817
- EP 9503194 W 19950811

Abstract (en)

[origin: WO9605431A1] A unit made of an electric motor in a housing with a crankcase (14) and a cylinder head (16) supplies a delivery pipe (28) with a medium, preferably compressed air, required for a motor vehicle. Part of the compressed medium is used for inner cooling. For that purpose, a partial flow is generated in the crankcase (14) during the suction or return stroke of the working piston, independently of the working medium, by a specially designed disk flywheel (34), and flows through channels (74, 76, 80, 82) arranged in the lower part of the unit to the areas where inner cooling is required.

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F04B 39/06; **F04B 39/12**

IPC 8 full level

F04B 39/06 (2006.01); **F04B 39/12** (2006.01)

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