

Title (en)
IMPROVEMENTS IN AIR COMPRESSORS

Publication
EP 0333667 A3 19891213 (EN)

Application
EP 89830054 A 19890214

Priority
IT 6712288 A 19880217

Abstract (en)
[origin: EP0333667A2] The improvements concern essentially: - the presence of a valve-plate (9) through which ventilation channels (16) pass, - the use of a cooling fan (17) which is driven by the shaft (5) of the compressor and can induce a forced flow of air through the channels (1 6), - the provision of a lubricating-oil filler duct (36) separate from the oil-vapour discharge duct (32 to 35) which passes through one of the bearings (32) of the shaft, - the use of a generally tank-shaped lower portion of the casing (25), - the use of pistons (3) with sealing rings (48) mounted on a head portion (42) which can easily be separated from the rest of the piston (40) so that the rings (48) can be replaced without the need completely to dismantle the piston (3) and the members (4, 5) associated therewith, and - the provision of annular cavities (39) in the walls of the cylinders (3) which act as sumps for the collection and recovery of the lubricating oil.

IPC 1-7
F04B 39/10; F04B 39/06

IPC 8 full level
F04B 39/06 (2006.01); **F04B 39/10** (2006.01)

CPC (source: EP)
F04B 39/066 (2013.01); **F04B 39/1066** (2013.01)

Citation (search report)

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