

Title (en)
Air compressor having double pumping system

Title (de)
Luftkompressor mit doppeltem Pumpsystem

Title (fr)
Compresseur d'air avec système de pompage double

Publication
EP 1245829 A1 20021002 (EN)

Application
EP 01108052 A 20010329

Priority
EP 01108052 A 20010329

Abstract (en)
An air compressor includes two housings (20,21) secured to a base (10) and each having a piston (232) slidably received in the housings (20,21). A weight (43) is rotatably secured to the base (10) and includes an eccentric pin (46) rotatably coupled to the piston rods (23) for moving the pistons (232) relative to the housings (20,21) to conduct the pumping operations. A motor (30) is secured to the base (10) and has a pinion (31). A gear (40) is rotatably secured to the base (10) with the pivot shaft (44) and engaged with the pinion (31) and driven by the motor (30) via the pinion (31). The housings (20,21) may be adjustably secured to the base.

IPC 1-7
F04B 35/04; **F04B 27/02**

IPC 8 full level
F04B 27/02 (2006.01); **F04B 35/04** (2006.01)

CPC (source: EP)
F04B 27/02 (2013.01); **F04B 35/04** (2013.01)

Citation (applicant)
• US 5215447 A 19930601 - WEN SAN-JOU [TW]
• US 5655887 A 19970812 - CHOU WEN-SAN [TW]
• US 6146112 A 20001114 - CHOU WEN SAN [TW]

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• [DYA] US 6146112 A 20001114 - CHOU WEN SAN [TW]
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