

Title (en)
Compressor

Title (de)
Verdichter

Title (fr)
Compresseur

Publication
EP 0809026 B1 20010718 (DE)

Application
EP 97100207 A 19970109

Priority
DE 19621174 A 19960524

Abstract (en)
[origin: EP0809026A1] The compressor comprises at least one piston (9) which reciprocates in a cylinder (10), a drive shaft (2), and a wobble plate arrangement (30) between the piston (9) and the drive shaft (2). To improve the efficiency and reduce wear, the wobble plate arrangement (30) comprises a swash plate (4), on which a wobble plate (5) is rotatably mounted. Arranged between the wobble plate (5) and the piston is a bearing (7) which allows rotation of the wobble plate relative to the piston (9).

IPC 1-7
F04B 27/10

IPC 8 full level
F04B 27/10 (2006.01); **F04B 27/18** (2006.01)

CPC (source: EP US)
F04B 27/1054 (2013.01 - EP US); **F04B 27/1804** (2013.01 - EP US); **Y10T 74/18336** (2015.01 - EP US)

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EP 97100207 A 19970109; AT 97100207 T 19970109; DE 19621174 A 19960524; DE 59704059 T 19970109; DK 97100207 T 19970109; FR 9706254 A 19970522; GB 9710499 A 19970521; PT 97100207 T 19970109; US 85999197 A 19970521