

Title (en)
Variable displacement compressors

Title (de)
Verdichter variabler Verdrängung

Title (fr)
Compresseur à capacité variable

Publication
EP 1146228 A3 20040114 (EN)

Application
EP 01107888 A 20010411

Priority
JP 2000109863 A 20000411

Abstract (en)
[origin: EP1146228A2] A variable displacement compressor 10 includes return springs 9 and 19 that press a swash plate 11 in the axial direction of a drive shaft 8. One end of the return spring 19 is fastened to the swash plate 11, and the other end is fastened to a ring-like (toric) receiving plate 19a through which the drive shaft 8 is inserted. When the swash plate 11 rotates, the return spring 19 and the receiving plate 19a rotate in synchronism with the swash plate 11, and the receiving plate 19a slides in contact with a contact portion 1a of the cylinder block 1. <IMAGE>

IPC 1-7
F04B 27/10

IPC 8 full level
F04B 27/08 (2006.01); **F04B 27/10** (2006.01)

CPC (source: EP US)
F04B 27/1063 (2013.01 - EP US)

Citation (search report)
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