

Title (en)
OSCILLATING MOTOR

Title (de)
SCHWENKMOTOR

Title (fr)
MOTEUR OSCILLANT

Publication
EP 1097306 A1 20010509 (DE)

Application
EP 99919094 A 19990317

Priority
• DE 9900742 W 19990317
• DE 19812752 A 19980323

Abstract (en)
[origin: DE19812752C1] The engine has a sealing ring which is preloaded when then engine is stationary. On the cover side of the ring there are pressure equalisation grooves (33,35) which are connected to pressurisation ducts (34,38) in the seal ring (23) open to the pressure side. The static pressure in the interior volume (27) of the diagonal pressure ring (28) is equalised with the dynamic pressure in the pressure chamber (13).

IPC 1-7
F15B 15/12; **F16J 15/34**

IPC 8 full level
F01C 21/00 (2006.01); **F15B 15/12** (2006.01); **F16J 15/34** (2006.01)

CPC (source: EP US)
F01C 21/003 (2013.01 - EP US); **F15B 15/12** (2013.01 - EP US)

Citation (search report)
See references of WO 9949226A1

Designated contracting state (EPC)
DE ES FR GB IT SE

DOCDB simple family (publication)
DE 19812752 C1 19990812; DE 59912339 D1 20050901; EP 1097306 A1 20010509; EP 1097306 B1 20050727; ES 2245099 T3 20051216; US 6429551 B1 20020806; WO 9949226 A1 19990930

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