

Title (en)  
ROTARY PISTON MACHINE

Title (de)  
ROTATIONSKOLBENMASCHINE

Title (fr)  
MACHINE A PISTON ROTATIF

Publication  
**EP 1499799 A1 20050126 (DE)**

Application  
**EP 03722509 A 20030417**

Priority  
• EP 03722509 A 20030417  
• EP 0304067 W 20030417  
• EP 02008814 A 20020419

Abstract (en)  
[origin: EP1355053A1] The rotary piston engine (10) has a control mechanism (40,58) whereby each piston while rotating executes a linear movement to periodically increase and decrease the chamber (86,98) allocated to the respective piston. The linear movement of a piston (22) is carried out parallel to the longitudinal center axis (20) of the engine casing, and the piston with regard to this axis is installed eccentrically. At least one additional rotating piston (24-28) is installed on the side opposite the first with regard to the longitudinal center axis of the casing.

IPC 1-7  
**F02B 75/28**; **F01B 3/04**; **F01B 15/00**; **F01B 13/00**; **F02F 1/18**

IPC 8 full level  
**F02B 33/06** (2006.01); **F01B 3/00** (2006.01); **F01B 3/04** (2006.01); **F01B 7/04** (2006.01); **F01B 13/00** (2006.01); **F01B 13/02** (2006.01); **F01B 13/04** (2006.01); **F01B 15/00** (2006.01); **F02B 75/28** (2006.01); **F02F 1/18** (2006.01)

CPC (source: EP US)  
**F01B 3/0035** (2013.01 - EP US); **F01B 3/0079** (2013.01 - EP US); **F01B 3/045** (2013.01 - EP US); **F01B 15/007** (2013.01 - EP US); **F02B 75/282** (2013.01 - EP US); **F02F 1/183** (2013.01 - EP US); **F02F 1/186** (2013.01 - EP US)

Citation (search report)  
See references of WO 03089769A1

Designated contracting state (EPC)  
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LU MC NL PT RO SE SI SK TR

DOCDB simple family (publication)  
**EP 1355053 A1 20031022**; **EP 1355053 B1 20040225**; AT E260404 T1 20040315; AT E412113 T1 20081115; DE 50200261 D1 20040401; DE 50310676 D1 20081204; DK 1355053 T3 20040329; EP 1499799 A1 20050126; EP 1499799 B1 20081022; ES 2213721 T3 20040901; ES 2314198 T3 20090316; JP 2005523400 A 20050804; JP 4237068 B2 20090311; PT 1355053 E 20040730; US 2005066917 A1 20050331; US 6986328 B2 20060117; WO 03089769 A1 20031030

DOCDB simple family (application)  
**EP 02008814 A 20020419**; AT 02008814 T 20020419; AT 03722509 T 20030417; DE 50200261 T 20020419; DE 50310676 T 20030417; DK 02008814 T 20020419; EP 0304067 W 20030417; EP 03722509 A 20030417; ES 02008814 T 20020419; ES 03722509 T 20030417; JP 2003586467 A 20030417; PT 02008814 T 20020419; US 96864704 A 20041019