

Title (en)
Rotary piston engine

Title (de)
Rotationskolbenmaschine

Title (fr)
Moteur rotatif à pistons

Publication
EP 1355053 B1 20040225 (DE)

Application
EP 02008814 A 20020419

Priority
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 3/00**; **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 (examination)
US 5441018 A 19950815 - ALMASSI MANSOUR [AU]

Cited by
EP1437482A1; EP3584425A1; EP2088283A1

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AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE TR

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