

Title (en)

Rotary piston combustion engine

Title (de)

Rotationskolben-Brennkraftmaschine

Title (fr)

Moteur à combustion interne à pistons rotatifs

Publication

EP 2612985 B1 20160427 (DE)

Application

EP 12000061 A 20120105

Priority

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Abstract (en)

[origin: EP2612985A1] The engine has control rotor unit (20) and working rotor unit (40) mounted in housing in parallel. The rotor units have rotatable shafts (21,41), circular torque-proof discs (24,42) and pistons (24a,42a). The identical piston portions (24b,42b) of pistons are provided in ring sections or annular segments form and arranged on disc front end in mirror-symmetric manner. The spacing between rotational axes of rotor units is equal to sum of outer and inner radii of adjacent pistons. An intersection region is formed for reciprocally meshing contact of pistons during piston rotation.

IPC 8 full level

F01C 1/12 (2006.01); **F01C 11/00** (2006.01)

CPC (source: EP)

F01C 1/123 (2013.01); **F01C 1/20** (2013.01); **F01C 11/002** (2013.01); **F01C 17/02** (2013.01); **F01C 20/14** (2013.01); **F01C 21/008** (2013.01); **F01C 21/08** (2013.01)

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