

Title (en)

Rotary piston pump

Title (de)

Drehkolbenpumpe

Title (fr)

Pompe à pistons rotatifs

Publication

**EP 1624189 B1 20070606 (DE)**

Application

**EP 05015840 A 20050721**

Priority

DE 102004037561 A 20040803

Abstract (en)

[origin: EP1624189A1] Four cooperating rotary pistons are provided in a housing on two shafts. Co-rotating plates or discs (19;20) are arranged between the rotary pistons (15,17; 16,18) of each shaft (13;14). One disc has a diameter corresponding to the external diameter of the piston, while the other disc has a diameter corresponding to the root diameter of the piston.

IPC 8 full level

**F04C 2/12** (2006.01); **F04C 11/00** (2006.01); **F04C 15/00** (2006.01)

CPC (source: EP)

**F04C 2/126** (2013.01); **F04C 11/001** (2013.01); **F04C 15/0049** (2013.01)

Cited by

US9732749B2; DE202010015439U1; WO2012066026A2; US9702362B2; DE202010011626U1; WO2012022784A2; US9127673B2

Designated contracting state (EPC)

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DOCDB simple family (publication)

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