

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)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)

EP 1624189 A1 20060208; EP 1624189 B1 20070606; AT E364136 T1 20070615; DE 102004037561 A1 20060316;
DE 502005000805 D1 20070719

DOCDB simple family (application)

EP 05015840 A 20050721; AT 05015840 T 20050721; DE 102004037561 A 20040803; DE 502005000805 T 20050721