

Title (en)
Rotating piston engine

Title (de)
Drehkolbenmaschine

Title (fr)
Machine à pistons rotatifs

Publication
EP 2213878 B1 20120926 (DE)

Application
EP 09151877 A 20090202

Priority
EP 09151877 A 20090202

Abstract (en)
[origin: EP2213878A1] The rotating piston engine (1) has a main bearing forming a center of rotation (5a), where a drum is supported by the main bearing (5) rotating around the center of rotation. A satellite camp (7) forms another center of rotation (7a), where the main bearing and the satellite camps are arranged such that the centers of rotation are arranged mutually parallel and mutually eccentrically. A distributor (6) is supported by the satellite camp rotating around the latter center of rotation. An independent claim is also included for a pump, compressor or motor.

IPC 8 full level
F04B 19/02 (2006.01); **F04B 1/107** (2006.01)

CPC (source: EP)
F01B 13/068 (2013.01); **F04B 1/1072** (2013.01); **F04B 19/027** (2013.01); **F02B 57/085** (2013.01); **F02B 57/10** (2013.01)

Cited by
EP3029320A1; CN104454051A; CN114856959A

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO SE SI SK TR

DOCDB simple family (publication)
EP 2213878 A1 20100804; EP 2213878 B1 20120926; DK 2213878 T3 20130102

DOCDB simple family (application)
EP 09151877 A 20090202; DK 09151877 T 20090202