

Title (en)
Reciprocating piston machine

Title (de)
Hubkolbenmaschine

Title (fr)
Machine à piston alternatif

Publication
EP 1707812 B1 20100120 (DE)

Application
EP 05025616 A 20051124

Priority
DE 102005009947 A 20050304

Abstract (en)
[origin: EP1707812A1] The machine has a traveling piston sealed in a cylinder, and a drive shaft (12) received by a crankshaft bore. A connecting rod (16) provides articulated connection of a crankshaft-journal with the piston in a connecting rod bearing. The connecting rod is disposed relative to the shaft at an angle for counteracting deflection of the shaft. The bore is inclined to effect the angle of the rod relative to the drive shaft.

IPC 8 full level
F04B 39/00 (2006.01)

CPC (source: EP US)
F04B 39/0094 (2013.01 - EP US)

Cited by
DE102016013036A1; DE102016013454A1; WO2018082801A1; WO2018082800A1; EP1801416A1; KR101330927B1

Designated contracting state (EPC)
DE FR GB IT

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DOCDB simple family (application)
EP 05025616 A 20051124; DE 102005009947 A 20050304; DE 502005008907 T 20051124; JP 2006095666 A 20060303; US 33998206 A 20060125