

Title (en)
Hydraulic piston pump

Title (de)
Hydraulische Kolbenmaschine

Title (fr)
Pompe hydraulique à pistons

Publication
EP 1672215 B1 20090513 (DE)

Application
EP 05024333 A 20051108

Priority
DE 102004060954 A 20041217

Abstract (en)
[origin: EP1672215A2] Hydraulic piston engine has multiple pistons (8,10) arranged in the cylinder (4) limiting the working space (36) whereby suction valves (42,44) are arranged in pressurizing chamber with pressure control valve (38) to maintain the pressure in the chamber. The pressurizing medium flow path (62) is bounded by capillary tube.

IPC 8 full level
F04B 1/16 (2006.01); **F04B 1/18** (2006.01)

CPC (source: EP)
F04B 1/182 (2013.01); **F04B 53/129** (2013.01)

Cited by
CN111997858A; CN104100486A; US9644620B2; WO2013041547A1

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 1672215 A2 20060621; EP 1672215 A3 20080312; EP 1672215 B1 20090513; AT E431503 T1 20090515; DE 102004060954 A1 20060629; DE 502005007268 D1 20090625

DOCDB simple family (application)
EP 05024333 A 20051108; AT 05024333 T 20051108; DE 102004060954 A 20041217; DE 502005007268 T 20051108