

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

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