

Title (en)

Hydraulic actuating device for an internal combustion engine

Title (de)

Hydraulische Betätigungsvorrichtung für eine Brennkraftmaschine

Title (fr)

Actionneur hydraulique pour moteur à combustion interne et moteur à combustion interne comportant au moins un tel actionneur hydraulique

Publication

EP 1520970 B1 20060517 (FR)

Application

EP 04292347 A 20041001

Priority

FR 0311566 A 20031002

Abstract (en)

[origin: EP1520970A1] The actuator has a unit including two passages and a control unit to control fluid flow between lower and upper chambers (24, 25) by valves. The unit maintains a piston (22) at a fixed position or adjusts position of the piston in a body by selected passage of fluid between the chambers due to pressure difference in the chambers, when a force is exerted on the piston by a hinged type connecting rod assembly. An independent claim is also included for an internal combustion engine.

IPC 8 full level

F02D 15/02 (2006.01); **F02B 75/04** (2006.01)

CPC (source: EP)

F02B 75/048 (2013.01); **F02D 15/02** (2013.01)

Cited by

EP2022959A3; WO2011107131A1

Designated contracting state (EPC)

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DOCDB simple family (publication)

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