

Title (en)

Hydraulic unit for a cylinder head for a combustion engine with a variable valve stroke

Title (de)

Hydraulikeinheit für einen Zylinderkopf einer Brennkraftmaschine mit hydraulisch variablem Ventiltrieb

Title (fr)

Unité hydraulique pour culasse d'un moteur à combustion interne dotée d'une commande de soupape hydraulique variable

Publication

EP 2060754 A3 20100505 (DE)

Application

EP 08167285 A 20081022

Priority

DE 102007054376 A 20071114

Abstract (en)

[origin: EP2060754A2] The hydraulic unit (5) has a slave unit (8) activating a gas-exchange valve. A hydraulic housing is provided with a bottom part (20) and a top part (22). A master unit (6), a slave unit, a high-pressure chamber, a hydraulic valve (10) and a medium-pressure chamber (12) are in connection with the hydraulic housing. A low-pressure chamber (16) used as a hydraulic medium reservoir is formed in the top part and communicates with the medium-pressure chamber through a choke opening that is formed through a separating wall extending between the low-pressure chamber and the medium-pressure chamber.

IPC 8 full level

F01L 9/14 (2021.01)

CPC (source: EP KR US)

F01L 9/14 (2021.01 - EP US); **F01L 13/00** (2013.01 - KR); **F01L 2001/34446** (2013.01 - EP US); **F01L 2820/02** (2013.01 - EP US)

Citation (search report)

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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 MT NL NO PL PT RO SE SI SK TR

Designated extension state (EPC)

AL BA MK RS

DOCDB simple family (publication)

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EP 08167285 A 20081022; CN 200810173359 A 20081113; DE 102007054376 A 20071114; JP 2008291700 A 20081114; KR 20080112489 A 20081113; US 27103108 A 20081114