

Title (en)

DEVICE FOR VARIABLY ADJUSTING THE CONTROL TIMES OF GAS EXCHANGE VALVES OF AN INTERNAL COMBUSTION ENGINE

Title (de)

VORRICHTUNG ZUR VARIABLEN EINSTELLUNG DER STEUERZEITEN VON GASWECHSELVENTILEN EINER BRENNKRAFTMASCHINE

Title (fr)

DISPOSITIF DE RÉGLAGE VARIABLE DES TEMPS DE COMMANDE DE SOUPAPES D'ÉCHANGE DES GAZ D'UN MOTEUR À COMBUSTION INTERNE

Publication

EP 2198130 B1 20110126 (DE)

Application

EP 08786762 A 20080801

Priority

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- DE 102007041552 A 20070831

Abstract (en)

[origin: US2009056656A1] An apparatus (10) for the variable setting of control times of gas-exchange valves (9a, b) of an internal combustion engine (1) is provided and includes a drive element (22), a driven element (23), at least one pressure chamber (35, 36), a pressurized medium system (37), and a pressure storage device (43). The pressure chamber (35, 36) and the pressure storage device (43) communicate with the pressurized medium system (37), and a phase position between the driven element (23) and the drive element (22) can be changed by supplying pressurized medium to or discharging pressurized medium from the pressure chamber (35, 36) by the pressurized medium system (37).

IPC 8 full level

F01L 1/344 (2006.01)

CPC (source: EP US)

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