

Title (en)

CONTROL VALVE FOR A DEVICE FOR CHANGING THE CONTROL TIMES OF AN INTERNAL COMBUSTION ENGINE

Title (de)

STEUERVENTIL FÜR EINE VORRICHTUNG ZUR VERÄNDERUNG DER STEUERZEITEN EINER BRENNKRAFTMASCHINE

Title (fr)

SOUPAPE DE DISTRIBUTION DESTINEE A UN DISPOSITIF POUR MODIFIER LES TEMPS DE DISTRIBUTION D'UN MOTEUR A COMBUSTION

Publication

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Application

EP 06762977 A 20060804

Priority

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- DE 102005041393 A 20050901

Abstract (en)

[origin: WO2007025630A1] The invention relates to a control valve (20) for a device (1) for variably setting the control times of gas exchange valves (110, 111) of an internal combustion engine (100). Two working ports (A, B) and one supply port (24) are formed on an outer casing surface of a valve housing (22) of the control valve (20), the working ports (A, B) being arranged directly adjacent, and the supply port (24) adjoins them. Furthermore, there is provision for two pressure medium ducts (40, 41) to be formed on the control piston (30), at least one of the pressure medium ducts (40, 41) being embodied so that it is not rotationally symmetrical with respect to the longitudinal axis (36) of the control piston (30).

IPC 8 full level

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Citation (search report)

See references of WO 2007025630A1

Cited by

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