

Title (en)

CONTROL DEVICE FOR SUPERCHARGED INTERNAL COMBUSTION ENGINES COMPRISING A SYSTEM FOR ADJUSTING THE CONTROL TIMES OF AN INLET VALVE

Title (de)

STEUERVORRICHTUNG FÜR BRENNKRAFTMASCHINEN MIT EINEM AUFLADESYSTEM UND MIT EINEM SYSTEM ZUR VERSTELLUNG DER STEUERZEITEN EINES EINLASSVENTILS

Title (fr)

DISPOSITIF DE COMMANDE DE MOTEURS A COMBUSTION INTERNE COMPORTANT UN SYSTEME DE COMPRESSION ET UN SYSTEME DE REGLAGE DES TEMPS DE COMMANDE D'UNE SOUPE D'ADMISSION

Publication

EP 1763626 A1 20070321 (DE)

Application

EP 05755640 A 20050615

Priority

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- DE 102004028972 A 20040616

Abstract (en)

[origin: WO2005124126A1] The invention relates to a control device for supercharged internal combustion engines comprising a system for adjusting the control times of an inlet valve of a cylinder within a predetermined range of adjustment, starting from a zero position to a maximum position of adjustment, by a defined maximum possible crankshaft angle range to early. The inlet length of the inlet cam associated with the inlet valve is designed in such a manner that the control time for closing the inlet valve when the system is in the zero position for adjusting the control times is located at the crankshaft angle associated with the charge exchange dead center of the cylinder piston or before it.

IPC 8 full level

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Citation (search report)

See references of WO 2005124126A1

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