

Title (en)

Combustion engine with a motor brake device

Title (de)

Brennkraftmaschine mit einer Motorbremseinrichtung

Title (fr)

Moteur à combustion interne doté d'un dispositif de frein moteur

Publication

EP 2143896 B1 20100714 (DE)

Application

EP 09009191 A 20090707

Priority

- DE 102008032773 A 20080711
- DE 102008061412 A 20081210

Abstract (en)

[origin: EP2143896A1] The engine (1) has exhaust valves (3, 4) for withdrawing exhaust gas from a combustion chamber. The valves are held in a temporarily opened position using a hydraulic valve auxiliary control unit (22) of an engine brake device (2). A hydraulic valve play compensation mechanism (45) for the valves is integrated in connection mechanisms (5-7) that are connected to an oil circuit. An oil channel (59) is formed between the control unit and the mechanism (45) for an oil supply to the control unit. The channel is closed by a closure unit (63) to effect compensation of valve play of one valve.

IPC 8 full level

F01L 13/06 (2006.01); **F01L 1/26** (2006.01)

CPC (source: EP US)

F01L 1/26 (2013.01 - EP US); **F01L 13/06** (2013.01 - EP US)

Cited by

DE102016001933A1; EP2598727A4; EP2520773A3; EP2722498A1; CN103775161A; EP2803826A1; DE102012100962A1; WO2012015970A1; US8936006B2; US10851717B2; US8746208B2; EP3187703A1; DE102015016723A1; US10167751B2; DE102012100963A1; EP3219561A1; US9790824B2; EP3184760A1; DE102015016605A1; US9976509B2

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DOCDB simple family (publication)

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