

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 2305967 B1 20150708 (DE)

Application

EP 10007258 A 20100714

Priority

DE 102009048143 A 20091002

Abstract (en)

[origin: EP2305967A1] The engine (1) has a hydraulic valve clearance compensation mechanism (11) provided for exhaust valves (3, 4) for supplying oil to an oil supply channel (9). A control channel (26) is formed between a hydraulic valve control unit (25) and the mechanism for supplying the oil to the hydraulic valve control unit. The control channel is closed by a closure element (40) i.e. control piston (27), for compensating valve clearance of the exhaust valves. A counter-holder (45) i.e. piston-cylinder unit, adjusts a limit stop (44) to a position of the hydraulic valve clearance compensation mechanism.

IPC 8 full level

F01L 1/24 (2006.01); **F01L 1/26** (2006.01); **F01L 13/06** (2006.01)

CPC (source: EP US)

F01L 1/24 (2013.01 - EP US); **F01L 1/26** (2013.01 - EP US); **F01L 13/06** (2013.01 - EP US)

Cited by

DE102020115399B3; EP3128140A1; EP2598727A4; EP2803826A1; DE102021113992A1; US9790824B2; AT511048A1; AT511048B1; CN112955632A; WO2012015970A1; US8936006B2; US10851717B2

Designated contracting state (EPC)

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DOCDB simple family (publication)

EP 2305967 A1 20110406; EP 2305967 B1 20150708; BR PI1003772 A2 20130108; BR PI1003772 B1 20200602; CN 102032013 A 20110427; CN 102032013 B 20130717; DE 102009048143 A1 20110407; RU 2010140348 A 20120410; RU 2451795 C1 20120527; US 2011079196 A1 20110407; US 8161936 B2 20120424

DOCDB simple family (application)

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