

Title (en)

Method to control intake and exhaust valves of an internal combustion engine, from which at least one cylinder can be shut down and engine controlled by that method

Title (de)

Verfahren zur Regelung der Ein- und Auslassventilsteuerung einer Brennkraftmaschine, bei welcher zumindest ein Zylinder abgeschaltet werden kann und Motor, der nach diesem Verfahren betrieben wird

Title (fr)

Moteur à combustion interne du type à fonctionnement dégradé d'au moins un cylindre

Publication

EP 2166198 B1 20141008 (FR)

Application

EP 09290661 A 20090831

Priority

FR 0805134 A 20080918

Abstract (en)

[origin: EP2166198A2] The method involves operating a cylinder with a cycle for low/average load of an internal combustion engine, where the cycle includes an intake phase (A), compression phase (CP), air-fuel mixture combustion phase (CB), combustion gas exhaust phase (E), combustion gas release phase (D) and released gas recompression phase (RC). The cylinder has a control unit for controlling opening/closing of intake and exhaust valves. An independent claim is also included for an internal combustion engine for implementing an intake and exhaust control method.

IPC 8 full level

F01L 1/18 (2006.01); **F01L 1/36** (2006.01); **F01L 13/00** (2006.01)

CPC (source: EP US)

F01L 1/181 (2013.01 - EP US); **F01L 1/36** (2013.01 - EP US); **F01L 13/0036** (2013.01 - EP US); **F02B 75/021** (2013.01 - EP US); **Y10T 74/20882** (2015.01 - EP US); **Y10T 74/2107** (2015.01 - EP US)

Cited by

US2017001625A1; US9789865B2

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DOCDB simple family (publication)

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