

Title (en)

A CONTROL ARRANGEMENT FOR A GAS EXCHANGE VALVE IN AN INTERNAL COMBUSTION PISTON ENGINE AND METHOD OF OPERATING A CONTROL ARRANGEMENT FOR A GAS EXCHANGE VALVE IN AN INTERNAL COMBUSTION ENGINE

Title (de)

STEUERANORDNUNG FÜR EIN GASWECHSELVENTIL IN EINER BRENNKRAFTMASCHINE UND VERFAHREN ZUM BETRIEB EINER STEUERANORDNUNG FÜR EIN GASWECHSELVENTIL IN EINER BRENNKRAFTMASCHINE

Title (fr)

AGENCEMENT DE COMMANDE POUR UNE SOUPE D'ÉCHANGE DE GAZ DANS UN MOTEUR À PISTON À COMBUSTION INTERNE ET PROCÉDÉ DE FONCTIONNEMENT D'UN AGENCEMENT DE COMMANDE POUR UNE SOUPE D'ÉCHANGE DE GAZ DANS UN MOTEUR À COMBUSTION INTERNE

Publication

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Application

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Priority

EP 2017056340 W 20170317

Abstract (en)

[origin: WO2018166612A1] Invention relates to a control arrangement (20) for a gas exchange valve (12) adapted between a cam device (18) and the gas exchange valve (12) in an internal combustion piston engine (100), comprising a mechanical limiter (42) configured to prevent movement of a first piston unit (34) in a direction closing the valve at a predetermined location of the first piston unit (34), a hydraulic control space (36) and a hydraulic fluid flow path (48) opening into the hydraulic control space (36) and connectable to a hydraulic fluid supply (50), adapted to fill the hydraulic control space (36) with the hydraulic fluid. Invention relates also to method of operating a control arrangement (20) for a gas exchange valve (12) in an internal combustion piston engine (100).

IPC 8 full level

F01L 1/08 (2006.01); **F01L 1/24** (2006.01); **F01L 1/245** (2006.01); **F01L 9/12** (2021.01)

CPC (source: EP KR)

F01L 1/08 (2013.01 - EP KR); **F01L 9/12** (2021.01 - EP KR); **F01L 2001/2427** (2013.01 - EP KR); **F01L 2001/256** (2013.01 - EP KR)

Citation (examination)

- US 7484483 B2 20090203 - YANG ZHOU [US], et al
- EP 2941546 B1 20161221 - WAERTSILAE FINLAND OY [FI]

Designated contracting state (EPC)

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DOCDB simple family (publication)

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DOCDB simple family (application)

EP 2017056340 W 20170317; CN 201780088451 A 20170317; EP 17711180 A 20170317; KR 20197028732 A 20170317