

Title (en)
A CONTROL ARRANGEMENT IN A PISTON ENGINE

Title (de)
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Title (fr)
DISPOSITIF DE COMMANDE DANS UN MOTEUR A PISTON

Publication
EP 2315919 B1 20160824 (EN)

Application
EP 09784154 A 20090715

Priority
• FI 2009050626 W 20090715
• FI 20085756 A 20080731

Abstract (en)
[origin: WO2010012864A1] The invention relates to a control arrangement for gas exchange in a piston engine adapted between a cam device (5) of a camshaft (4) of the engine (1) and an inlet valve mechanism (6) arranged to open and close the inlet valve (3) in association with a cylinder of the engine, which control arrangement (7) comprises a body part (8), in which a piston device (9) is movably arranged to be in force transmission connection with the camshaft (4) and the valve mechanism (6). The cam device (5) includes a cam profile (5') having a portion (5c) arranged under a base circle (5a) of the cam profile (5'). Said portion (5c) of the cam profile (5') is arranged to control gas exchange through the inlet valve (3), specifically for providing a delay in the closing of the inlet valve (3).

IPC 8 full level
F01L 1/255 (2006.01); **F01L 9/40** (2021.01); **F01L 1/08** (2006.01); **F01L 13/00** (2006.01)

CPC (source: EP FI KR)
F01L 1/08 (2013.01 - EP KR); **F01L 1/255** (2013.01 - EP KR); **F01L 9/11** (2021.01 - FI); **F01L 13/00** (2013.01 - KR); **F01L 13/0031** (2013.01 - EP); **F01L 2013/0089** (2013.01 - EP); **F01L 2305/00** (2020.05 - EP)

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO SE SI SK SM TR

DOCDB simple family (publication)
WO 2010012864 A1 20100204; CN 102105657 A 20110622; CN 102105657 B 20140312; EP 2315919 A1 20110504; EP 2315919 B1 20160824; FI 124120 B 20140331; FI 20085756 A0 20080731; FI 20085756 A 20100201; JP 2011529546 A 20111208; JP 5393784 B2 20140122; KR 101545768 B1 20150819; KR 20110044977 A 20110503; RU 2011107190 A 20120910; RU 2509219 C2 20140310

DOCDB simple family (application)
FI 2009050626 W 20090715; CN 200980129423 A 20090715; EP 09784154 A 20090715; FI 20085756 A 20080731; JP 2011520534 A 20090715; KR 20117001490 A 20090715; RU 2011107190 A 20090715