

Title (en)
VALVE ACTUATOR ARRANGEMENT

Title (de)
VENTILAKTUATORANORDNUNG

Title (fr)
AMÉNAGEMENT D'ACTIONNEUR DE SOUPAPES

Publication
EP 2834479 A1 20150211 (EN)

Application
EP 13711446 A 20130221

Priority
• FI 20125252 A 20120309
• FI 2013050195 W 20130221

Abstract (en)
[origin: WO2013132143A1] The valve actuator arrangement of an engine comprises a cam-driven piston device (3), which divides a pressurizing chamber (4) into at least two sections (4a, 4b, 4c, 4d) and pressurizes hydraulic fluid in the chamber (4) for opening gas exchange valves (1, 1'). The piston device (3) is used for driving at least one additional valve (9, 10) other than a gas exchange valve (1, 1').

IPC 8 full level
F01L 9/10 (2021.01)

CPC (source: EP FI)
F01L 9/10 (2021.01 - EP); **F02M 21/02** (2013.01 - FI)

Citation (search report)
See references of WO 2013132143A1

Designated contracting state (EPC)
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Designated extension state (EPC)
BA ME

DOCDB simple family (publication)
WO 2013132143 A1 20130912; CN 104160120 A 20141119; CN 104160120 B 20161228; EP 2834479 A1 20150211; EP 2834479 B1 20160413; FI 123759 B 20131031; FI 20125252 A 20130910; KR 102029521 B1 20191007; KR 20140141640 A 20141210

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FI 2013050195 W 20130221; CN 201380012725 A 20130221; EP 13711446 A 20130221; FI 20125252 A 20120309; KR 20147028080 A 20130221