

Title (en)

Engine valve drive

Title (de)

Ventilsteuerung für eine Brennkraftmaschine

Title (fr)

Commande de soupapes

Publication

EP 1111204 A3 20021106 (DE)

Application

EP 00120061 A 20000915

Priority

DE 19957157 A 19991127

Abstract (en)

[origin: DE19957157A1] The valve controller adjusts the stroke of at least one valve depending on at least one engine parameter. It detects measurement values for the camshaft that actuates gas exchange valves to check the function of one or more switching elements and displays a function signal if there is a defined deviation from one or more fixed values. The measurement parameter can be camshaft rotary oscillation signals. Independent claims are also included for the following: a method of checking the function of one or more switching elements of a valve controller.

IPC 1-7

F01L 13/00; **F01L 1/34**; **F01L 1/46**

IPC 8 full level

F01L 1/34 (2006.01); **F01L 1/46** (2006.01); **F01L 3/24** (2006.01); **F01L 13/00** (2006.01); **F02D 13/02** (2006.01); **F02D 45/00** (2006.01)

CPC (source: EP US)

F01L 1/34 (2013.01 - EP US); **F01L 1/46** (2013.01 - EP US); **F01L 13/0036** (2013.01 - EP US); **F01L 2820/041** (2013.01 - EP US)

Citation (search report)

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- [A] DE 19741597 A1 19990325 - SCHAEFFLER WAEHLZLAGER OHG [DE]
- [A] EP 0831224 A2 19980325 - BOSCH GMBH ROBERT [DE]
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- [A] US 5803029 A 19980908 - YOSHIHARA YUJI [JP], et al
- [XA] PATENT ABSTRACTS OF JAPAN vol. 1996, no. 01 31 January 1996 (1996-01-31)

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Designated contracting state (EPC)

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DOCDB simple family (publication)

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DOCDB simple family (application)

EP 00120061 A 20000915; DE 19957157 A 19991127; DE 50008826 T 20000915; JP 2000358251 A 20001124; US 72167500 A 20001127