

Title (en)

Hydraulically controlled valve drive for a multivalve cylinder head

Title (de)

Hydraulisch geregelte, zwangsgesteuerte Ventilhubbetätigung für einen Mehrventilzylinderkopf

Title (fr)

Commande de soupape à régulation hydraulique pour culasse multisoupapes

Publication

EP 1022444 B1 20030416 (DE)

Application

EP 99122366 A 19991110

Priority

DE 19858213 A 19981217

Abstract (en)

[origin: DE19858213A1] The valve operating system includes a valve bridge (20) which has a mass inertia valve (20a). In its rest position, this valve separates the two piston-cylinder units (3b) from the lubricant circuit. When set engine revs. are exceeded, the connection to the lubricant circuit is restored by the inertia of the valve body (21) against the force of a compression spring (24).

IPC 1-7

F01L 13/00; F01L 1/26; F01L 1/24

IPC 8 full level

F01L 1/18 (2006.01); **F01L 1/24** (2006.01); **F01L 1/26** (2006.01); **F01L 13/00** (2006.01)

CPC (source: EP)

F01L 1/183 (2013.01); **F01L 1/24** (2013.01); **F01L 1/26** (2013.01)

Cited by

US2019257219A1; CN102787919A; US8991350B2; WO2012155315A1; US9523291B2

Designated contracting state (EPC)

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