

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)

DE FR GB IT SE

DOCDB simple family (publication)

**DE 19858213 A1 20000621**; DE 59905064 D1 20030522; EP 1022444 A2 20000726; EP 1022444 A3 20010131; EP 1022444 B1 20030416

DOCDB simple family (application)

**DE 19858213 A 19981217**; DE 59905064 T 19991110; EP 99122366 A 19991110