

Title (en)
A cylinder head

Title (de)
Zylinderkopf

Title (fr)
Culasse

Publication
EP 0701048 B1 19981216 (EN)

Application
EP 95306248 A 19950907

Priority
GB 9418306 A 19940910

Abstract (en)
[origin: EP0701048A1] A cylinder head for an internal combustion engine has a plurality of passageways, each comprising two ducts (12, 18), which connect the inlet ports (2) and the exhaust ports (4) for EGR. A valve member (16) in a gallery (14) selectively opens or closes the passageway. The ducts (12, 18) and the valve member (16) are contained entirely within the cylinder head, and the valve members (16) are part of a single valve, operation of which controls the passage of fluid between each inlet port (2) and associated exhaust port (4). <MATH>

IPC 1-7
F02D 21/08; **F02F 1/42**; **F02M 25/07**

IPC 8 full level
F02D 21/08 (2006.01); **F02F 1/42** (2006.01); **F02M 25/07** (2006.01); **F02B 1/04** (2006.01); **F02B 3/06** (2006.01); **F02F 1/24** (2006.01)

CPC (source: EP)
F02D 21/08 (2013.01); **F02F 1/4214** (2013.01); **F02M 26/20** (2016.02); **F02M 26/41** (2016.02); **F02M 26/70** (2016.02); **F02B 1/04** (2013.01); **F02B 3/06** (2013.01); **F02F 2001/245** (2013.01); **F02M 26/36** (2016.02)

Citation (examination)
EP 0543704 A1 19930526 - INST FRANCAIS DU PETROLE [FR]

Cited by
EP0942166A3; EP1101921A3; FR3035151A1; EP0855502A3; EP1795731A3; US2014014078A1; DE102008063934A1; CN101846012A; FR3078365A1; US6752133B2; US8561404B2; WO2016166087A1; WO2008029043A1; WO2008090273A3; WO2018051260A1; WO0042311A1; US10655533B2; WO0204803A1; WO2011141002A1

Designated contracting state (EPC)
DE FR GB

DOCDB simple family (publication)
EP 0701048 A1 19960313; **EP 0701048 B1 19981216**; DE 69506645 D1 19990128; DE 69506645 T2 19990512; GB 2292975 A 19960313; GB 9418306 D0 19941102

DOCDB simple family (application)
EP 95306248 A 19950907; DE 69506645 T 19950907; GB 9418306 A 19940910