

Title (en)
A CYLINDER HEAD

Title (de)
ZYLINDERKOPF

Title (fr)
CULASSE DE CYLINDRE

Publication
EP 0948714 B1 20030528 (EN)

Application
EP 97912601 A 19971103

Priority
• SE 9701828 W 19971103
• SE 9604072 A 19961107

Abstract (en)
[origin: WO9820250A1] A cylinder head (23) for a diesel engine of the type having a head for each combustion chamber and comprising a bore (24) for mounting a fuel injector (15) therein, a first passageway (56) for feeding fuel to a first compartment (54) formed between the injector and a first portion of the bore (24), and a draining passageway (62) extending from a draining compartment (55) formed between the injector and a second portion of the bore (24) to a port (60) open to atmosphere. This draining passageway (62) provides a fuel drain whereby the omission or damage of an injector seal (53) is evidenced as fuel expelled through the drain port (60).

IPC 1-7
F02M 55/00; **F02M 57/02**; **F02F 1/24**

IPC 8 full level
F02F 1/24 (2006.01); **F02F 1/38** (2006.01); **F02M 55/00** (2006.01); **F02M 61/14** (2006.01); **F02B 3/06** (2006.01)

CPC (source: EP)
F02F 1/24 (2013.01); **F02F 1/38** (2013.01); **F02M 55/002** (2013.01); **F02M 61/14** (2013.01); **F02B 3/06** (2013.01)

Designated contracting state (EPC)
DE FR IT

DOCDB simple family (publication)
WO 9820250 A1 19980514; DE 69722442 D1 20030703; DE 69722442 T2 20040318; EP 0948714 A1 19991013; EP 0948714 B1 20030528; SE 510617 C2 19990607; SE 9604072 D0 19961107; SE 9604072 L 19980508

DOCDB simple family (application)
SE 9701828 W 19971103; DE 69722442 T 19971103; EP 97912601 A 19971103; SE 9604072 A 19961107