

Publication

EP 0730091 A3 19961002

Application

EP 95117473 A 19951107

Priority

DE 19502915 A 19950131

Abstract (en)

[origin: EP0730091A2] The valve closure ball (8) is lifted from its seating (9) so that a stream (15) of fuel is directed through a metering aperture (12) in an injector plate (13) towards the deflector (22). The angled deflecting surface (21) features on its axis of symmetry (25) a recess (26) from which two grooves (27) diverge. The shape of the recess and grooves determines the number and direction of the jets (14) of fuel entering the combustion chamber.

IPC 1-7

F02M 61/18; **F02M 57/00**; **F02M 61/16**; **F02M 69/04**

IPC 8 full level

F02M 57/00 (2006.01); **F02M 61/16** (2006.01); **F02M 61/18** (2006.01); **F02M 69/04** (2006.01)

CPC (source: EP US)

F02M 61/16 (2013.01 - EP US); **F02M 61/18** (2013.01 - EP US); **F02M 61/1853** (2013.01 - EP US); **F02M 61/188** (2013.01 - EP US);
F02M 69/04 (2013.01 - EP US)

Citation (search report)

- [A] FR 608840 A 19260803
- [DA] DE 3716402 A1 19871119 - LUCAS IND PLC [GB]
- [A] US 4979479 A 19901225 - FURUKAWA HIROSHI [JP]
- [A] US 4657189 A 19870414 - IWATA MINORU [JP], et al

Designated contracting state (EPC)

DE FR GB

DOCDB simple family (publication)

DE 19502915 A1 19960801; CN 1066803 C 20010606; CN 1136134 A 19961120; DE 59507788 D1 20000316; EP 0730091 A2 19960904;
EP 0730091 A3 19961002; EP 0730091 B1 20000209; JP H08232815 A 19960910; US 5725158 A 19980310

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US 58968596 A 19960122