

Title (en)

FUEL INJECTION DEVICE FOR AN INTERNAL COMBUSTION ENGINE

Title (de)

KRAFTSTOFFEINSPRITZEINRICHTUNG FÜR EINE BRENNKRAFTMASCHINE

Title (fr)

SYSTEME D'INJECTION DE CARBURANT POUR MOTEUR A COMBUSTION INTERNE

Publication

EP 1595074 B1 20061004 (DE)

Application

EP 03770908 A 20031007

Priority

- DE 0303323 W 20031007
- DE 10301194 A 20030115

Abstract (en)

[origin: DE10301194A1] A first electrically activated control valve (60) controls a pump operating chamber's (22) connection (21) to a low-pressure area (25). A second electrically activated control valve (62) controls a fuel injection valve's (12) control pressure chamber (52) connection (57) with a balancing area. A high-pressure fuel pump (10) fills a pressure reservoir (68).

IPC 8 full level

F02M 63/02 (2006.01); **F02M 47/02** (2006.01); **F02M 55/02** (2006.01); **F02M 57/02** (2006.01); **F02M 59/36** (2006.01); **F02M 61/20** (2006.01)

CPC (source: EP US)

F02M 47/027 (2013.01 - EP US); **F02M 57/023** (2013.01 - EP US); **F02M 59/366** (2013.01 - EP US); **F02M 63/0225** (2013.01 - EP US); **F02M 57/02** (2013.01 - EP US); **F02M 61/205** (2013.01 - EP US); **F02M 2200/28** (2013.01 - EP US)

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