

Title (en)
DIESEL ENGINE FUEL INJECTION DEVICE

Publication
EP 0195948 B1 19910626 (DE)

Application
EP 86102511 A 19860226

Priority
DE 3510301 A 19850322

Abstract (en)
[origin: EP0195948A2] The insertion of a high-pressure pump which can be driven independently is envisaged in the fuel feed to the injection pump. This is intended to make it possible to supply the injection pump with a high admission pressure. Provision is furthermore made for the possibility of simultaneously supplying the spring space of the nozzle holder of the injection nozzle with the admission pressure. It is thus possible to guarantee the opening and closing of the nozzle needle of the injection nozzle at pressure values which already guarantee optimum mixture formation conditions. <IMAGE>

IPC 1-7
F02M 37/18; **F02M 47/06**; **F02M 55/00**; **F02M 61/20**

IPC 8 full level
F02M 47/00 (2006.01); **F02M 37/18** (2006.01); **F02M 47/06** (2006.01); **F02M 55/00** (2006.01); **F02M 61/20** (2006.01); **F02B 3/06** (2006.01)

CPC (source: EP)
F02M 37/18 (2013.01); **F02M 55/00** (2013.01); **F02M 61/205** (2013.01); **F02B 3/06** (2013.01)

Cited by
EP0255350A3; EP0336060A3; US9790907B2; WO2014079646A1

Designated contracting state (EPC)
DE FR GB

DOCDB simple family (publication)
EP 0195948 A2 19861001; **EP 0195948 A3 19890906**; **EP 0195948 B1 19910626**; DE 3510301 A1 19860925; DE 3510301 C2 19910110; DE 3679925 D1 19910801; JP S61223264 A 19861003

DOCDB simple family (application)
EP 86102511 A 19860226; DE 3510301 A 19850322; DE 3679925 T 19860226; JP 5071786 A 19860310