

Title (en)
Fuel injection device

Title (de)
Kraftstoffeinspritzvorrichtung

Title (fr)
Dispositif d'injection de combustible

Publication
EP 0742365 A3 19970827 (DE)

Application
EP 96107096 A 19960506

Priority
DE 19516686 A 19950506

Abstract (en)
[origin: EP0742365A2] The fuel injection device has a fuel feed line, a mechanical pump element and a fuel injection jet (7), with an electronically-controlled valve (15) between the pump element and the fuel injection jet and a second pump element between the valve and the latter, supplied via a second fuel line. The pump elements may lie directly after one another, the mechanical pump element having a piston with a control edge (11) for the fuel quantity regulation.

IPC 1-7
F02M 59/38

IPC 8 full level
F02M 59/26 (2006.01); **F02M 59/32** (2006.01); **F02M 59/38** (2006.01)

CPC (source: EP)
F02M 59/26 (2013.01); **F02M 59/265** (2013.01); **F02M 59/32** (2013.01); **F02M 59/38** (2013.01)

Citation (search report)

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- [A] US 4467963 A 19840828 - SISSON ALBERT E [US], et al
- [A] DE 4100832 A1 19920716 - BOSCH GMBH ROBERT [DE]
- [A] PATENT ABSTRACTS OF JAPAN vol. 008, no. 249 (M - 338) 15 November 1984 (1984-11-15)

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GB2316981A

Designated contracting state (EPC)
DE DK ES FI FR GB IT NL

DOCDB simple family (publication)
DE 19516686 A1 19961107; DE 59606286 D1 20010215; DK 0742365 T3 20010423; EP 0742365 A2 19961113; EP 0742365 A3 19970827; EP 0742365 B1 20010110; ES 2154361 T3 20010401

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