

Title (en)
Fuel injection nozzle

Title (de)
Einspritzdüse

Title (fr)
Buse d'injection de carburant

Publication
EP 1703119 A1 20060920 (DE)

Application
EP 06100017 A 20060102

Priority
DE 102005008972 A 20050228

Abstract (en)
The injection jet (1) has a jet needle (3) in a jet body (4) to inject fuel through an injection hole (5). It has a transfer piston (18) and a coupling piston (24) with two coupling surfaces (25, 26). It also includes a traveling coupling (29), which at least at the beginning of the opening stroke, mechanically couples coupling piston to the transfer piston.

IPC 8 full level
F02M 51/06 (2006.01); **F02M 61/16** (2006.01); **F02M 63/00** (2006.01)

CPC (source: EP)
F02M 47/02 (2013.01); **F02M 51/0603** (2013.01); **F02M 61/167** (2013.01); **F02M 2200/703** (2013.01)

Citation (applicant)
EP 1174615 A2 20020123 - DELPHI TECH INC [US]

Citation (search report)
• [A] EP 1174615 A2 20020123 - DELPHI TECH INC [US]
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• [A] WO 0206665 A1 20020124 - BOSCH GMBH ROBERT [DE], et al
• [A] WO 2004109091 A1 20041216 - BOSCH GMBH ROBERT [DE], et al
• [A] WO 03018993 A1 20030306 - BOSCH GMBH ROBERT [DE], et al
• [A] DE 10259730 A1 20040701 - BOSCH GMBH ROBERT [DE]

Cited by
EP2813698A1; WO2012055464A3

Designated contracting state (EPC)
DE FR GB IT

DOCDB simple family (publication)
EP 1703119 A1 20060920; EP 1703119 B1 20080416; DE 102005008972 A1 20060831; DE 502006000618 D1 20080529

DOCDB simple family (application)
EP 06100017 A 20060102; DE 102005008972 A 20050228; DE 502006000618 T 20060102