

Title (en)
Fuel injector

Title (de)
Kraftstoff-Injektor

Title (fr)
Injecteur de carburant

Publication
EP 2116717 B1 20110928 (DE)

Application
EP 09100169 A 20090306

Priority
DE 102008001597 A 20080506

Abstract (en)
[origin: EP2116717A2] The injector (1) has an injection valve element (11) adjustable between a closing position and an opening position. A control valve (32) is provided for switching the injection valve element between the closing and opening positions. The control valve exhibits a sleeve-like control valve element (31) that is adjustable along an adjustment axis (30). The control valve element rests sealingly on a control valve seat element (41) in a closing position of the control valve element. The control valve seat element is movably arranged relative to the adjustment axis of the control valve element.

IPC 8 full level
F02M 47/02 (2006.01); **F02M 63/00** (2006.01)

CPC (source: EP US)
F02M 47/027 (2013.01 - EP US); **F02M 63/0042** (2013.01 - EP US); **F02M 63/0071** (2013.01 - EP US); **F02M 63/0077** (2013.01 - EP US); **F02M 63/008** (2013.01 - EP US); **F02M 63/007** (2013.01 - EP US)

Designated contracting state (EPC)
DE FR IT

DOCDB simple family (publication)
EP 2116717 A2 20091111; **EP 2116717 A3 20091202**; **EP 2116717 B1 20110928**; DE 102008001597 A1 20091112; US 2009277421 A1 20091112; US 7987835 B2 20110802

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EP 09100169 A 20090306; DE 102008001597 A 20080506; US 43495409 A 20090504