

Title (en)
Fuel injector

Title (de)
Kraftstoffeinspritzdüse

Title (fr)
Injecteur de carburant

Publication
EP 2806149 A1 20141126 (EN)

Application
EP 13168843 A 20130523

Priority
EP 13168843 A 20130523

Abstract (en)
A fuel injector including: piezoelectric actuation means, a valve arrangement comprising a nozzle including a valve seat, and a valve needle, said needle adapted to be slidable within said nozzle so as to selectively open and close the valve by respective disengagement/ engagement of the needle against the seat to allow fuel from a pressurised source to be injected into a combustion space, and hydraulic inverter means adapted such that activation/deactivation of said piezoelectric actuation means provides respective retraction/extension of said needle away or to said valve seat so as to open/close the valve respectively.

IPC 8 full level
F02M 51/06 (2006.01); **F02M 63/02** (2006.01)

CPC (source: EP)
F02M 51/0603 (2013.01); **F02M 63/0225** (2013.01); **F02M 2200/704** (2013.01)

Citation (search report)

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Designated contracting state (EPC)
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)
BA ME

DOCDB simple family (publication)
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