

Title (en)

Valve needle for a fluid injector, valve needle assembly, valve assembly and fuel injector

Title (de)

Ventilnadel für ein Flüssigkeitseinspritzelement, Ventilnadelanordnung, Ventilanordnung und Kraftstoffeinspritzelement

Title (fr)

Pointeau de soupape pour injecteur de fluide, ensemble de pointeau de soupape, ensemble de soupape et injecteur de carburant

Publication

**EP 2803850 A1 20141119 (EN)**

Application

**EP 13167954 A 20130516**

Priority

EP 13167954 A 20130516

Abstract (en)

The invention relates to a valve needle (100) for a fluid injector for opening and closing a fluid outlet side of the fluid injector, wherein the valve needle (100) has an elongated needle body (110), and the elongated needle body (110) is rod-shaped and has a multi-legged (114, 114, ...) cross-section (111). Further, the invention relates to a valve needle assembly and a valve assembly for a fluid injector. Furthermore, the invention relates to a fuel injector for an intake manifold or an internal combustion engine of a motor vehicle.

IPC 8 full level

**F02M 51/06** (2006.01); **F02M 61/04** (2006.01)

CPC (source: EP)

**F02M 51/0671** (2013.01); **F02M 51/0685** (2013.01); **F02M 61/042** (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)

**EP 2803850 A1 20141119**

DOCDB simple family (application)

**EP 13167954 A 20130516**