

Title (en)

FUEL INJECTOR HAVING A HYDRAULIC COUPLER UNIT

Title (de)

KRAFTSTOFFINJEKTOR MIT HYDRAULISCHER KOPPLEREINHEIT

Title (fr)

INJECTEUR DE CARBURANT DOTÉ D'UN ENSEMBLE COUPLEUR HYDRAULIQUE

Publication

**EP 2596231 A1 20130529 (DE)**

Application

**EP 11724414 A 20110606**

Priority

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- EP 2011059283 W 20110606

Abstract (en)

[origin: WO2012010368A1] The invention proposes a fuel injector having a hydraulic coupler unit (10) which has a coupler body (12), a coupler piston (13) and a valve piston (14). The valve piston (14) has a sleeve-like guide section (23), which is guided on a guide piston (21) formed by the coupler body (12) and arranged in the center of the coupler unit (10). The implementation of the coupler unit (10) requires that either the coupler body (12) or the valve piston (14) be designed from at least two individual components.

IPC 8 full level

**F02M 63/00** (2006.01)

CPC (source: EP)

**F02M 63/0026** (2013.01); **F02M 47/027** (2013.01); **F02M 2200/703** (2013.01)

Citation (search report)

See references of WO 2012010368A1

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DOCDB simple family (publication)

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