

Title (en)

NOZZLE NEEDLE FOR A FUEL INJECTION DEVICE, AND FUEL INJECTION DEVICE

Title (de)

DÜSENNADEL FÜR EINE KRAFTSTOFFEINSPRITZEINRICHTUNG UND KRAFTSTOFFEINSPRITZEINRICHTUNG

Title (fr)

AIGUILLE D'INJECTEUR POUR DISPOSITIF D'INJECTION DE CARBURANT ET DISPOSITIF D'INJECTION DE CARBURANT

Publication

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Application

**EP 15744224 A 20150730**

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Abstract (en)

[origin: WO2016037761A1] The invention relates to a nozzle needle (10) for a fuel injection device (100), in particular a fuel injector, comprising a nozzle needle tip (12) which is connected to a nozzle needle shaft (11). The nozzle needle tip (12) and the nozzle needle shaft (11) consist of different materials. According to the invention, the nozzle needle shaft (11) has a receiving area (20) formed by a blind bore (21) for the nozzle needle tip (12). The base (22) of the receiving area (20) forms an axial stop for the nozzle needle tip (12), and the nozzle needle tip (12) has an at least approximately constant diameter (d) within the receiving area (20), said diameter simultaneously forming the largest diameter of the nozzle needle tip (12).

IPC 8 full level

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