

Title (en)  
FUEL INJECTOR

Title (de)  
KRAFTSTOFFINJEKTOR

Title (fr)  
INJECTEUR DE CARBURANT

Publication  
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Application  
**EP 16795106 A 20161115**

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Abstract (en)  
[origin: WO2017102216A1] The invention relates to a fuel injector (10), in particular a common-rail injector, comprising a valve housing (11) which can be inserted into a first receiving bore section (107) of an internal combustion machine and which has a first valve housing section (12) that faces a combustion chamber (101) of an internal combustion engine in the assembled position, said valve housing section being in contact with the combustion chamber (101) at least in some regions. At least the first valve housing section (12) consists of metal, and the first valve housing section (12) is radially surrounded by a protective element (20) in the form of a protective sleeve (21). The protective sleeve (21) extends at least over a part of the axial length of the first valve housing section (12). According to the invention, the transition region between the protective sleeve (21) and the first valve housing section (12) is sealed on the protective sleeve (21) side paired with the combustion chamber (101).

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