

Title (en)

Fuel injector with a conical high pressure housing sealing

Title (de)

Kraftstoffinjektor mit einer kegeligen Gehäusehochdruckdichtung

Title (fr)

Injecteur de carburant avec corps à surfaces d'étanchéité coniques haute pression

Publication

EP 1843038 B1 20090318 (DE)

Application

EP 06007432 A 20060407

Priority

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Abstract (en)

[origin: EP1843038A1] The injector has two cylindrical housings (2, 5), which are axially and superimposedly arranged, and a nozzle clamping nut (4). Two adjacent front surfaces of the housings are formed partly as sealing surfaces (8a, 8b) for a high pressure chamber filled with a fuel. The front surfaces are firmly compressed together by the clamping nut. The sealing surfaces lying on one another are conically formed with a preset cone angle (A), or convex/concave sealing surfaces lie on one another with a preset radius or conical/convex sealing surfaces are superimposed with each other.

IPC 8 full level

F02M 61/16 (2006.01); **F02M 51/06** (2006.01); **F02M 63/00** (2006.01)

CPC (source: EP)

F02M 51/0603 (2013.01); **F02M 61/16** (2013.01); **F02M 61/168** (2013.01); **F02M 63/0026** (2013.01); **F02M 61/167** (2013.01); **F02M 2200/16** (2013.01); **F02M 2200/702** (2013.01)

Cited by

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DE FR

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