

Title (en)

INJECTOR FOR INJECTING A FLUID, AND METHOD FOR PRODUCING SUCH AN INJECTOR

Title (de)

INJEKTOR ZUM EINSPRITZEN EINES FLUIDS SOWIE HERSTELLUNGSVERFAHREN FÜR EINEN DERARTIGEN INJEKTOR

Title (fr)

INJECTEUR POUR L'INJECTION D'UN FLUIDE, ET PROCÉDÉ POUR PRODUIRE UN TEL INJECTEUR

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Application

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Abstract (en)

[origin: WO2022028863A1] The invention relates to an injector for injecting a fluid, comprising a closing element (2), which closes and releases a fluid passage at a valve seat (5), and an injection hole component (3) with a plurality of injection holes (4), wherein swirl chambers (40) are formed on the injection holes (4) on an injection hole component (3) inner face (6) facing the closing element (2), and a material reduction region (8) is formed at the injection hole (4) on an injection hole component (3) outer face (7) facing away from the closing element (2) in order to reduce the thickness (9) of the injection hole component (3) so as to adjust the length (10) of the injection hole (4). The invention additionally relates to a method for producing such an injector.

IPC 8 full level

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