

Title (en)

COMPONENT OF A FUEL INJECTION SYSTEM

Title (de)

KOMPONENTE EINES KRAFTSTOFFEINSPRITZSYSTEMS

Title (fr)

COMPOSANT D'UN SYSTÈME D'INJECTION DE CARBURANT

Publication

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Application

EP 13805336 A 20131210

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- EP 2013076112 W 20131210

Abstract (en)

[origin: WO2014095497A1] The invention relates to a component (100) with at least two subcomponents made of metal. According to the invention, an alloy layer (140) is applied to the surface of a valve funnel (110) functioning as the subcomponent in a valve (100) functioning as the component, wherein the alloy layer (140) is made from a metal less noble than the valve funnel (110). The alloy layer (140) is arranged on a portion of the valve funnel (110) which is situated outside the direct mechanical action region (150) of the closing member (160) functioning as the second subcomponent, and is arranged as an annular portion running around the surface of the valve funnel (110), outside the mechanical action region of the closing member (160) relative to the closing member (160) resting in the valve seat (120) of the valve funnel in the closed state.

IPC 8 full level

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CPC (source: EP)

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Citation (search report)

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