

Title (en)

COMPONENT WITH A WEAR PROTECTION COATING, AND METHOD FOR COATING SAID COMPONENT

Title (de)

VERSCHLEIßSCHUTZBESCHICHTETES BAUTEIL SOWIE VERFAHREN ZUM BESCHICHTEN DESSELBEN

Title (fr)

COMPOSANT DOTÉ D'UN REVÊTEMENT DE PROTECTION CONTRE L'USURE, ET PROCÉDÉ DE REVÊTEMENT DUDIT COMPOSANT

Publication

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Application

**EP 21722156 A 20210423**

Priority

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Abstract (en)

[origin: WO2021219511A1] The invention relates to a component (1) with a wear protection coating, said component consisting of a steel alloy, in particular a fuel injection system component, the tribologically stressed surface of which is at least partly coated with a hard outer wear protection coating (2) at least partly using a plasma method, said wear protection coating being applied onto a metal adhesive layer (3). The metal adhesive layer (3) is applied onto an Fe buffer layer (4) which is deposited onto the surface of the component (1) in order to separate the component (1) surface, which acts as the diffusion front, from the adhesive layer (3).

IPC 8 full level

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Citation (search report)

See references of WO 2021219511A1

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