

Title (en)

METHOD FOR PRODUCING A VALVE PIECE FOR A FUEL INJECTOR, AND FUEL INJECTOR

Title (de)

VERFAHREN ZUM HERSTELLEN EINES VENTILSTÜCKS FÜR EINEN KRAFTSTOFFINJEKTOR UND KRAFTSTOFFINJEKTOR

Title (fr)

PROCÉDÉ DE FABRICATION D'UNE PIÈCE DE SOUPAPE POUR INJECTEUR DE CARBURANT ET INJECTEUR DE CARBURANT

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Application

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Abstract (en)

[origin: WO2017059990A1] The invention relates to a method for producing a valve piece (108) for a fuel injector (100), having a region on the valve piece (108) which forms a valve seat (115), wherein the valve piece (108) has, as its basic material (119), a preferably hardened steel, of which the surface, in the region forming the valve seat (115), is coated with a carbon layer (130) of greater hardness than the basic material (119). The invention makes provision for a supporting layer (120) to be formed between the basic material (119) and the carbon layer (130), wherein the hardness of the supporting layer (120) is at least equal to that of the basic material (119).

IPC 8 full level

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