

Title (en)

METHOD FOR THE PRODUCTION OF A MODULE WITH A MOVING INSERT FOR AN INJECTION VALVE AND INJECTION VALVE

Title (de)

VERFAHREN ZUM HERSTELLEN EINES MODULS MIT EINEM BEWEGLICHEN EINSATZ FÜR EIN EINSPRITZVERTIL UND EINSPRITZVENTIL

Title (fr)

PROCEDE DE FABRICATION D'UN MODULE DOTE D'UN INSERT MOBILE POUR UNE SOUPAPE D'INJECTION ET SOUPAPE D'INJECTION ASSOCIEE

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Application

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Abstract (en)

[origin: WO2004005704A1] A method for the production of a module with a moving insert for an injection valve is disclosed, whereby the insert is arranged such as to move within the module and the module and the insert comprise contact surfaces on a common side. According to the invention, the insert and/or the module are pre-tensioned and whilst in the pre-tensioned state the contact surfaces of the module and the insert are ground to a plane. By applying the pre-tensioning, a tensioning is simulated during the plane grinding which occurs during application of the module in an injection valve. A precise matching of the end surfaces to each other can thus be achieved.

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