

Title (en)

VALVE SEAT BODY FOR A FLUID INJECTOR OF AN INTERNAL COMBUSTION ENGINE

Title (de)

VENTILSITZKÖRPER FÜR EINEN FLUIDINJEKTOR EINER BRENNKRAFTMASCHINE

Title (fr)

CORPS DE SIÈGE DE SOUPAPE POUR UN INJECTEUR DE FLUIDE D'UN MOTEUR À COMBUSTION INTERNE

Publication

EP 3783220 A1 20210224 (EN)

Application

EP 19193113 A 20190822

Priority

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Abstract (en)

A valve seat body (120) for a fluid injector (100) of an internal combustion engine, wherein the valve seat body (120) extends in axial direction along a central longitudinal axis (160), wherein the valve seat body (120) comprises a plurality of flow holes (340) through which fluid flows from an inlet portion of the flow holes (340) to an outlet portion of the flow holes (340) when the fluid injector (100) is in operation, and wherein the valve seat body (120) comprises an inner surface (200) which is configured to form a sealing edge (270) between the inner surface (200) and a valve needle of the fluid injector (100) when the fluid injector (100) is in operation.

IPC 8 full level

F02M 61/18 (2006.01)

CPC (source: EP)

F02M 61/1866 (2013.01); **F02M 61/188** (2013.01)

Citation (search report)

- [XYI] EP 2320065 A1 20110511 - HITACHI AUTOMOTIVE SYSTEMS LTD [JP]
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Designated contracting state (EPC)

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