

Title (en)

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

Title (de)

FLÜSSIGKEITSEINSPRITZVENTIL EINES VERBRENNUNGSMOTORS MIT EINEM VENTILSITZKÖRPER

Title (fr)

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

Publication

EP 3997327 A1 20220518 (EN)

Application

EP 20737460 A 20200708

Priority

- EP 19185525 A 20190710
- EP 19191841 A 20190814
- EP 19193113 A 20190822
- EP 2020069301 W 20200708

Abstract (en)

[origin: WO2021005128A1] 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: CN EP)

F02M 61/1866 (2013.01 - CN EP); **F02M 61/188** (2013.01 - CN EP)

Citation (search report)

See references of WO 2021005128A1

Designated contracting state (EPC)

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