

Title (en)

ARRANGEMENT OF A FUEL INJECTION VALVE ON A FUEL DISTRIBUTOR OF A COMBUSTION ENGINE

Title (de)

ANORDNUNG EINES BRENNSTOFFEINSPRITZVENTILS AN EINEM KRAFTSTOFFVERTEILER EINER BRENNKRAFTMASCHINE

Title (fr)

AGENCEMENT D'UNE SOUPAPE D'INJECTEUR DE CARBURANT SUR UN DISTRIBUTEUR DE CARBURANT D'UN MOTEUR À COMBUSTION INTERNE

Publication

EP 3613978 B1 20220518 (DE)

Application

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Priority

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Abstract (en)

[origin: US2020056573A1] The invention relates to an arrangement for connecting at least one fuel injection valve with a fuel distributor of a fuel injection system of an internal combustion engine, which fuel distributor is detachably fastened to a cylinder head, wherein the at least one fuel injection valve is detachably fastened by means of a fixing element to a mounting element of the fuel distributor. It is provided that a non-cylinder-facing surface of the mounting element of the fuel distributor and a cylinder-facing surface of the fixing element, in the assembled state of the cylinder head and fuel distributor and also the fuel injection valve, are configured as contact surfaces, by means of which, through attachment of the fixing element to the fuel injection valve, it is possible to bring about an axial fixing and a radial orientation of the fuel injection valve in the cylinder head and in the mounting element of the fuel distribution rail.

IPC 8 full level

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