

Title (en)

METHOD FOR INSTALLING A FUEL INJECTOR AND TOOL FOR USE IN SAID METHOD

Title (de)

VERFAHREN ZUR MONTAGE EINES KRAFTSTOFFINJEKTORS UND WERKZEUG ZUR VERWENDUNG IN DIESEM VERFAHREN

Title (fr)

PROCÉDÉ D'INSTALLATION D'UN INJECTEUR DE CARBURANT ET OUTIL POUR L'UTILISER DANS LEDIT PROCÉDÉ

Publication

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Application

EP 21743108 A 20210707

Priority

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- EP 2021068856 W 20210707

Abstract (en)

[origin: WO2022022965A1] A method for installing a fuel injector (1) which comprises a holding body (2) and a nozzle body (4), wherein a clamping shoulder (8) is formed at the transition of the shaft (6) to the nozzle collar (5). The holding body (2) is clamped to the nozzle body (4) by a nozzle-clamping nut (7). For the installation of the fuel injector, an installation tool (16) is pushed over the shaft (6) of the nozzle body (4) as far as a clamping surface (13) of the nozzle body (4). A pretensioning force (Fa) is then exerted on the nozzle body (4) via the installation tool (16) such that the nozzle body (4) is pressed at least indirectly against the holding body (2), and the installation tool (16) clamps the shaft (6) of the nozzle body (4). The nozzle-clamping nut (7) is subsequently screwed onto the holding body (2) until a defined contact pressure of the nozzle body (4) against the holding body (2) is achieved. The clamping tool (16) used has a hollow-cylindrical receptacle (17) for the shaft (6) of a nozzle body (4), and the wall of the cylindrical receptacle (17) is designed in such a manner that it is deformed inwards when a longitudinal force is applied to the clamping tool (16).

IPC 8 full level

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CPC (source: EP)

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Citation (search report)

See references of WO 2022022965A1

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