

Title (en)

ARRANGEMENT COMPRISING A HOUSING PART OF AN INTERNAL COMBUSTION ENGINE, A FUEL INJECTOR AND A CLAMPING BRACKET

Title (de)

ANORDNUNG UMFASSEND EIN GEHÄUSETEIL EINER BRENNKRAFTMASCHINE, EINEN KRAFTSTOFFINJEKTOR UND EINE SPANNPRATZE

Title (fr)

DISPOSITIF COMPRENANT UNE PARTIE DE CARTER D'UN MOTEUR À COMBUSTION INTERNE, UN INJECTEUR DE CARBURANT ET UNE GRIFFE DE SERRAGE

Publication

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Application

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Abstract (en)

[origin: WO2013149799A1] The invention relates to an arrangement comprising a housing part (1) of an internal combustion engine having a bore (2), comprising a fuel injector (3) which is at least partially accommodated in the bore (2) of the housing part (1), and comprising a clamping bracket (4), by means of the bracket force of which the fuel injector (3) is preloaded in the direction of its longitudinal axis (A) against a housing part (1). According to the invention, the fuel injector (3) is supported directly or indirectly against the housing part (1), and the bracket force of the clamping bracket (4) effects a high-pressure-tight connection of at least one plate-shaped component (5, 6) of the fuel injector (3) to a nozzle body (7) and/or to a holding body (8) of the fuel injector (3). The invention also relates to a fuel injector for an arrangement of said type, and to the use of a clamping bracket for fixing a fuel injector to a housing part of an internal combustion engine.

IPC 8 full level

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