Title (en)

FLUID DISTRIBUTOR FOR AN INJECTION SYSTEM, IN PARTICULAR A FUEL DISTRIBUTOR RAIL FOR A FUEL INJECTION SYSTEM FOR MIXTURE-COMPRESSING SPARK-IGNITION INTERNAL COMBUSTION ENGINES

Title (de)

FLUIDVERTEILER FÜR EINE EINSPRITZANLAGE, INSBESONDERE BRENNSTOFFVERTEILERLEISTE FÜR EINE BRENNSTOFFEINSPRITZANLAGE FÜR GEMISCHVERDICHTENDE, FREMDGEZÜNDETE BRENNKRAFTMASCHINEN

Title (fr)

DISTRIBUTEUR DE FLUIDE POUR UN SYSTÈME D'INJECTION, EN PARTICULIER UNE RAMPE DE DISTRIBUTION DE CARBURANT POUR UN SYSTÈME D'INJECTION DE CARBURANT POUR MOTEURS À COMBUSTION INTERNE À COMPRESSION DE MÉLANGE ET À ALLUMAGE COMMANDÉ

Publication

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Application

EP 20808352 A 20201117

Priority

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- EP 2020082352 W 20201117

Abstract (en)

[origin: WO2021121824A1] The invention relates to a fluid distributor (1) for an injection system (100), in particular a fuel distributor rail (1) for a fuel injection system (100) for mixture-compressing spark-ignition internal combustion engines, comprising a tubular main part (2) which is preferably worked in a single-stage or multi-stage forging process. The main part (2) is equipped with a first high-pressure outlet (9), a second high-pressure outlet (10), and a third high-pressure outlet (11), wherein the second high-pressure outlet (10) is offset to the first high-pressure outlet (9) in a first direction (X1) along a longitudinal axis (4) of the tubular main part (2) by a specified distance (24), and the third high-pressure outlet (11) is offset to the second high-pressure outlet (10) in the first direction (X1) along the longitudinal axis (4) by the specified distance (24). A first holding element (5) and a second holding element (6) which are used for at least indirectly securing the main part (2) are provided on the main part (2), said first holding element (5) and second holding element (6) being formed on the tubular main part (2) such that the axis (7) of the first holding element (5) is positioned at a distance of maximally 0.5 times the specified distance (24) from the axis (12) of the first high-pressure outlet (9) in the first direction (X1) when viewed along the longitudinal axis (4), and the axis (8) of the second holding element (6) is positioned at a distance of maximally 0.5 times the specified distance (24) from the axis (14) of the third high-pressure outlet (11) opposite the first direction (X1) when viewed along the longitudinal axis (4).

IPC 8 full level

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