

Title (en)

METHOD FOR MACHINING A HIGH PRESSURE FUEL ACCUMULATOR, HIGH PRESSURE FUEL ACCUMULATOR AND CONNECTOR BRANCHES FOR USING SAID METHOD

Title (de)

VERFAHREN ZUR BEARBEITUNG EINES KRAFTSTOFFHOCHDRUCKSPEICHERS, KRAFTSTOFFHOCHDRUCKSPEICHER UND ANSCHLUSSSTUTZEN ZUR ANWENDUNG DES VERFAHRENS

Title (fr)

PROCEDE D'USINAGE D'UN ACCUMULATEUR DE COMBUSTIBLE HAUTE PRESSION, ACCUMULATEUR DE COMBUSTIBLE HAUTE PRESSION ET RACCORD POUR L'APPLICATION DU PROCEDE

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Application

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Abstract (en)

[origin: DE19948338A1] The invention relates to a method for machining a high pressure fuel accumulator for an internal combustion engine common rail injection system, with a base body (1) comprising several connector openings (2). The invention also relates to a high pressure fuel accumulator and a connector branch for using said method. The aim of said invention is to raise the pressure resistance of a high pressure fuel accumulator by simple means, whereby said method comprises deformation of the base body (1) in the region of the connector openings (2). The high pressure fuel accumulator is characterised in that it comprises a connecting passage (2) in the region of the connector openings, said passage comprising two sections (3, 4) with differing inner diameters. The connector branch (6) is characterised in that the external diameter thereof on the end facing the high pressure fuel accumulator is essentially the same as the internal diameter of the section (4) of the connecting passage (2) in the high pressure fuel accumulator which has the largest diameter.

IPC 8 full level

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