

Title (en)

COMPONENT HAVING HIGH-PRESSURE BORES THAT LEAD INTO ONE ANOTHER

Title (de)

BAUELEMENT MIT INEINANDERMÜNDENDEN HOCHDRUCKBOHRUNGEN

Title (fr)

ÉLÉMENT STRUCTURAL POURVU D'ALÉSAGES HAUTE PRESSION DÉBOUCHANT LES UNS DANS LES AUTRES

Publication

**EP 2954190 B1 20161214 (DE)**

Application

**EP 14701997 A 20140129**

Priority

- AT 882013 A 20130205
- EP 2014051675 W 20140129

Abstract (en)

[origin: WO2014122052A1] In a component (1), in particular a housing of a high-pressure fuel pump, in which at least one first high-pressure channel (4) and one second high-pressure channel (5) are present, the longitudinal axis of the first channel (4) is at an acute or right angle to the longitudinal axis of the second channel (5), wherein the second channel (5) leads into the first channel (4), such that an intersection is formed. The first channel (4) is formed by a central bore (10) and at least one secondary bore (11) that enlarges the cross-section of the central bore (10), wherein the longitudinal axis of the secondary bore (11) and the longitudinal axis of the central bore (10) extend parallel to one another. The central bore (10) passes through the component (1) and consists of a first segment (8) extending over the intersection and a second segment (9) connected to the first segment, wherein the at least one secondary bore (11) extends only along the first segment (8) and no secondary bore is provided along the second segment (9).

IPC 8 full level

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CPC (source: EP US)

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