

Title (en)  
COMPONENT, ESPECIALLY A HIGH-PRESSURE COMPONENT FOR FUEL INJECTION SYSTEMS, AND METHOD FOR PRODUCING A COMPONENT OF THIS TYPE

Title (de)  
BAUTEIL, INSBESONDERE HOCHDRUCKTEIL FÜR KRAFTSTOFF-EINSPRITZSYSTEME, UND VERFAHREN ZUR HERSTELLUNG EINES SOLCHEN BAUTEILS

Title (fr)  
ELEMENT STRUCTUREL, EN PARTICULIER PIECE HAUTE PRESSION POUR SYSTEMES D'INJECTION DE CARBURANT, ET PROCEDE DE REALISATION D'UN ELEMENT STRUCTUREL DE CE TYPE

Publication  
**EP 1190172 A1 20020327 (DE)**

Application  
**EP 01915031 A 20010222**

Priority  
• DE 0100676 W 20010222  
• DE 10012961 A 20000316

Abstract (en)  
[origin: DE10012961A1] The high pressure part (10) has intersecting bores (11,12). At least one (11) of the bores has a flat part (16). The high pressure part has internal pressure stresses in the area of the flat part. The bores are preferably a longitudinal bore and a bore that is arranged at right angles to it, where the flat part of the longitudinal bore is formed near the mouth opening of the transverse bore. An Independent claim is included for a method to manufacture the part.  
[origin: DE10012961A1] The high pressure part (10) has intersecting bores (11,12). At least one (11) of the bores has a flat part (16). The high pressure part has internal pressure stresses in the area of the flat part. The bores are preferably a longitudinal bore and a bore that is arranged at right angles to it, where the flat part of the longitudinal bore is formed near the mouth opening of the transverse bore. An independent claim is included for a method to manufacture the part.

IPC 1-7  
**F02M 55/02; B21C 37/20**

IPC 8 full level  
**B21C 37/29** (2006.01); **B21D 19/00** (2006.01); **F02M 55/02** (2006.01)

CPC (source: EP KR US)  
**B21C 37/29** (2013.01 - EP US); **B21C 37/292** (2013.01 - EP US); **F02M 55/008** (2013.01 - EP US); **F02M 55/025** (2013.01 - EP US); **F02M 61/16** (2013.01 - KR); **F02M 2200/03** (2013.01 - EP US)

Citation (search report)  
See references of WO 0169074A1

Designated contracting state (EPC)  
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