

Title (en)  
Injection valve and method for its manufacturing

Title (de)  
Einspritzventil und Verfahren zu seiner Herstellung

Title (fr)  
Soupape d'injection et son procédé de fabrication

Publication  
**EP 2177747 A1 20100421 (EN)**

Application  
**EP 08018063 A 20081015**

Priority  
EP 08018063 A 20081015

Abstract (en)  
Injection valve (16), comprising an actuator module (4) with a cavity (20) and an actuator unit (14). The injection valve (16) further comprises a fluid module (2), being disposed at least partially within the cavity (20) of the actuator module (4) and comprising a housing and a valve needle (8). The valve needle (8) is disposed in the housing and is actuatable by the actuator unit (14). The valve needle (8) is operable to prevent a fluid injection in a closing position and permit the fluid injection in further. The actuator module (4) is adhered to the fluid module (2) via a metal adhesive (16), which is arranged between a surface of the housing of the fluid module (2) and a surface of a wall of the cavity (20) of the actuator module (4).

IPC 8 full level  
**F02M 61/16** (2006.01)

CPC (source: EP US)  
**F02M 61/168** (2013.01 - EP US); **Y10T 29/49298** (2015.01 - EP US)

Citation (search report)

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DE FR IT

Designated extension state (EPC)  
AL BA MK RS

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