

Title (en)  
INJECTION VALVE WITH DIRECT AND SERVO DRIVE

Title (de)  
EINSPRITZVENTIL MIT DIREKT- UND SERVOANTRIEB

Title (fr)  
SOUPAPE D'INJECTION DOTÉE D'UNE COMMANDE DIRECTE ET D'UNE SERVOCOMMANDE

Publication  
**EP 2580462 B1 20151202 (DE)**

Application  
**EP 11724213 A 20110609**

Priority  
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Abstract (en)  
[origin: WO2011157613A1] A valve device (100) is described for conveying a liquid having a housing (110), a valve needle (120) which is arranged such that it can be deflected in a valve-needle chamber (113) of the housing (110), and a drive device (200) for the valve needle (120), wherein the drive device (200) comprises an electric drive component (210) which brings about a direct deflection of the valve needle (120). Furthermore, the drive device (200) comprises a hydraulic drive component (220) which can be activated in addition to the electric drive component (210) and brings about a ballistic deflection of the valve needle (120).

IPC 8 full level  
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