

Title (en)  
SWITCHING VALVE

Title (de)  
SCHALTVENTIL

Title (fr)  
SOUPAPE DE COMMANDE

Publication  
**EP 2438288 B1 20141112 (DE)**

Application  
**EP 10713929 A 20100413**

Priority  
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• DE 102009026774 A 20090605

Abstract (en)  
[origin: WO2010139501A1] A switching valve (2), which serves in particular as a magnet valve for injection valves of air-compressing, self-igniting combustion engines, has a valve piece (3), on which a valve seat (4) is formed, and a valve closing body (5), which interacts with the valve seat (4) to form a sealing seat. Thereby, the valve piece (3) comprises a guiding section (26), on which the valve closing body (5) is guided with a guiding opening (27). Further, the valve piece (3) has ducts (32, 33), extending into a space (29) between the guiding section (26) and the sealing seat. Hereby, a sealing seat having a diameter (34) of, e.g., 1.8 mm can be realized.

IPC 8 full level  
**F02M 63/00** (2006.01)

CPC (source: EP)  
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