

Title (en)  
VALVE DEVICE FOR A MOTOR VEHICLE

Title (de)  
VENTILVORRICHTUNG FÜR EIN KRAFTFAHRZEUG

Title (fr)  
ENSEMBLE SOUPAPE POUR UN VÉHICULE À MOTEUR

Publication  
**EP 3212973 A1 20170906 (DE)**

Application  
**EP 15787946 A 20151023**

Priority  
• DE 102014222240 A 20141030  
• EP 2015074638 W 20151023

Abstract (en)  
[origin: WO2016066550A1] The invention relates to a valve device for a motor vehicle, comprising a housing (1), a flow channel (2) located in the housing, a flap (3) arranged in the flow channel (2) for closing the flow channel (2), the flap (3) having regions in which a pin (4) penetrating the flap (3) is fastened and the pin (4) being rotatably mounted in the housing (1), and a valve seat (8), which is arranged in the flow channel (2) and which is in contact with the flap (3) when the latter is in the closed position. The flow channel (2) is provided with a plasma coating which renders it hydrophobic or hydrophilic.

IPC 8 full level  
**F16K 1/22** (2006.01); **F16K 25/00** (2006.01); **F16K 27/02** (2006.01)

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