

Title (en)  
VALVE ASSEMBLY

Title (de)  
VENTILANORDNUNG

Title (fr)  
ENSEMBLE SOUPAPE

Publication  
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Application  
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Abstract (en)  
[origin: WO2022243384A1] The invention relates to a valve assembly, in particular for a gas line, in particular for a gas line of a fuel cell assembly and/or a motor vehicle drive assembly. The valve assembly has a housing (10) comprising a fluid line (12); and a valve which is arranged in the fluid line (12) and comprises a valve seat (42), a valve flap (16), and a valve opening. The valve flap (16) can be pivoted about a pivot axis between a closed position, in which the valve flap (16) lies against the valve seat (42) and closes the valve opening in a fluid-tight manner, and an open position, in which the valve flap (16) releases the valve opening, wherein the valve flap (16) defines the X-Y plane of a coordinate system (22) in the closed position, and the pivot axis is arranged at a distance to the X-Y plane and defines the Y direction of the coordinate system (22). The valve assembly has an aligning mechanism, by means of which the arrangement in which the valve flap (16) is in the closed position relative to the valve seat (42) can be aligned and fixed at least in the X direction.

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