

Title (en)  
VACUUM VALVE FOR A VACUUM CONVEYING SYSTEM

Title (de)  
VAKUUMVENTIL FÜR EIN VAKUUM-TRANSPORTSYSTEM

Title (fr)  
SOUPAPE À VIDE POUR SYSTÈME DE TRANSPORT SOUS VIDE

Publication  
**EP 4295069 A1 20231227 (DE)**

Application  
**EP 22706298 A 20220216**

Priority  
• CH 1622021 A 20210219  
• EP 2022053819 W 20220216

Abstract (en)  
[origin: WO2022175327A1] The invention relates to a valve (10) for opening and closing a valve opening (11) in a gas-tight manner and for ventilating a vacuum volume, having a valve seat (30), a closure element (20), and an adjusting unit (40) which is designed to provide a movement of the closure element (20) relative to the valve seat (30) such that the closure element (20) can be adjusted from an open position into a closing position and back. The valve seat (30), the closure element (20), and the adjusting unit (40) are arranged such that the closure element (20) can be adjusted linearly along an opening axis (A). The valve (10) has a holding device (50) which is designed to hold the closure element (20) in the closing position by providing a holding force.

IPC 8 full level  
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CPC (source: CH EP)  
**B61B 13/10** (2013.01 - CH EP); **F16K 1/34** (2013.01 - CH); **F16K 31/04** (2013.01 - EP); **F16K 31/0655** (2013.01 - EP); **F16K 31/084** (2013.01 - EP); **F16K 31/122** (2013.01 - EP); **F16K 31/1221** (2013.01 - EP); **F16K 31/508** (2013.01 - EP); **F16K 51/02** (2013.01 - CH); **Y02T 30/00** (2013.01 - EP)

Citation (search report)  
See references of WO 2022175327A1

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DOCDB simple family (publication)  
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