

Title (en)  
VALVE DEVICE

Title (de)  
VENTILVORRICHTUNG

Title (fr)  
DISPOSITIF DE SOUPAPE

Publication  
**EP 4256253 A1 20231011 (DE)**

Application  
**EP 21820252 A 20211201**

Priority  

- DE 102020215165 A 20201201
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- EP 2021083756 W 20211201

Abstract (en)  
[origin: WO2022117641A1] The invention relates to a valve device (10), in particular an expansion valve, for controlling a flow of a fluid, particularly for a refrigerant circuit in a vehicle, the valve device (10) comprising a valve element housing (12) and a valve element (14) inside the valve element housing (12), the valve element (14) having a control flow hole (30) and at least one expansion cutout (40a, 40b). According to the invention, the expansion cut-out (40a, 40b) includes a first expansion portion (60a, 60b) which has a substantially constant flow cross-section along the direction of flow.

IPC 8 full level  
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**F16K 5/0407** (2013.01); **F16K 5/0605** (2013.01); **F16K 5/12** (2013.01); **F25B 41/31** (2021.01)

Citation (search report)  
See references of WO 2022117641A1

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