

Title (en)  
FLOW PASSAGE SWITCHING VALVE

Title (de)  
STRÖMUNGSKANALUMSCHALTVENTIL

Title (fr)  
SOUPAPE DE COMMUTATION DE PASSAGE D'ÉCOULEMENT

Publication  
**EP 3842675 A4 20220525 (EN)**

Application  
**EP 19851510 A 20190802**

Priority  
• JP 2018156472 A 20180823  
• JP 2019030393 W 20190802

Abstract (en)  
[origin: EP3842675A1] Provided is a flow channel switching valve that can ensure an excellent sealing property, operability, and stability, and can effectively prevent valve leakage. As seen in the horizontal direction (i.e., direction perpendicular to axis), the outer shape of the pressure receiving face (i.e., pressure receiving area Sc) of a first slide valve element (i.e., high-pressure side slide valve element) 15A adjacent to a second slide valve element (i.e., low-pressure side slide valve element) 15B (i.e., on the back pressure side) is set larger than the outer shape of an annular seal face 15s (or contact area Sb thereof) of the first slide valve element 15A.

IPC 8 full level  
**F16K 11/065** (2006.01); **F16K 25/02** (2006.01); **F25B 41/26** (2021.01)

CPC (source: EP US)  
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Citation (search report)  
[A] JP 2018044666 A 20180322 - FUJI KOKI KK

Designated contracting state (EPC)  
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DOCDB simple family (publication)  
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