

Title (en)  
A SOUND DAMPING DEVICE

Title (de)  
SCHALLDÄMPFUNGSVORRICHTUNG

Title (fr)  
DISPOSITIF D'AMORTISSEMENT SONORE

Publication  
**EP 3453015 A1 20190313 (EN)**

Application  
**EP 17720826 A 20170504**

Priority

- EP 16168377 A 20160504
- US 201662331704 P 20160504
- EP 2017060725 W 20170504

Abstract (en)

[origin: EP3242292A1] A sound damping device comprises a first flow channel device (4) and a second flow channel device (6) separated from one another with an intermediate wall (8; 8a, 8b, 8c, 8d, 8e), said intermediate wall being at least partly provided with a sound attenuating means (9), wherein said first flow channel device (4) has a first inlet (5a) and a first outlet (5b) for a first flow and said second flow channel device (6) has a second inlet (7a) and a second outlet (7b) for a second flow. In accordance with the invention, at least said first flow channel device (4) is configured and adapted in such a way that a dynamic pressure difference is created over said sound attenuating means (9) with respect to the second flow channel device (6).

IPC 8 full level  
**F01N 1/06** (2006.01); **F01N 1/08** (2006.01); **F01N 1/10** (2006.01); **F01N 1/16** (2006.01); **F01N 1/24** (2006.01); **F16L 55/027** (2006.01); **F16L 55/033** (2006.01); **F24F 13/24** (2006.01); **G10K 11/16** (2006.01); **G10K 11/175** (2006.01); **G10K 11/178** (2006.01)

CPC (source: EP US)  
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Citation (search report)  
See references of WO 2017191293A1

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