

Title (en)  
SILENCER FOR AN EXHAUST GAS SYSTEM OF AN INTERNAL COMBUSTION ENGINE

Title (de)  
SCHALLDÄMPFER FÜR EINE ABGASANLAGE EINER BRENNKRAFTMASCHINE

Title (fr)  
SILENCIEUX POUR UN SYSTÈME D'ÉCHAPPEMENT D'UN MOTEUR À COMBUSTION INTERNE

Publication  
**EP 3163038 B1 20180502 (DE)**

Application  
**EP 16195056 A 20161021**

Priority  
DE 102015118573 A 20151030

Abstract (en)  
[origin: US2017122154A1] A muffler for an exhaust system of an internal combustion engine includes a housing with a circumferential wall. At least one resonator chamber (48) is defined by the circumferential wall and two base walls (28, 22), that are provided in the housing. At least one resonator pipe (50), with a first pipe end (51) and with a second pipe end (56), is connected to one of the base walls (28) in the area of a first opening (52) in the one of the base walls (28). In the alternative or in addition the one of the base walls (28) traverses an interior space such that the first pipe end (51) lies outside of the resonator chamber (48), with the second pipe end (56) being fixed to the other base wall (22).

IPC 8 full level  
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**F01N 1/003** (2013.01 - EP US); **F01N 1/023** (2013.01 - CN EP US); **F01N 1/026** (2013.01 - EP US); **F01N 1/082** (2013.01 - CN);  
**F01N 13/08** (2013.01 - US); **F01N 13/1838** (2013.01 - US); **G10K 11/172** (2013.01 - US); **F01N 2210/02** (2013.01 - CN);  
**F01N 2470/02** (2013.01 - EP US); **F01N 2470/04** (2013.01 - EP US); **F01N 2490/155** (2013.01 - EP US); **G10K 11/161** (2013.01 - US)

Cited by  
EP3514342A1; US11261768B2; US11377989B2

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