

Title (en)  
Silencer for an exhaust system

Title (de)  
Schalldämpfer für eine Abgasanlage

Title (fr)  
Silencieux pour un système d'échappement

Publication  
**EP 1760279 A3 20090311 (DE)**

Application  
**EP 06118826 A 20060811**

Priority  
DE 102005041692 A 20050901

Abstract (en)  
[origin: EP1760279A2] The muffler has two pipes (6, 7) on ends of an exhaust inlet (3) or exhaust outlets (4, 5) of a housing (2). One of the pipes (6) is switchable between an open state and a closed state by a control device (8). The pipe is acoustically coupled to a silencer system (12) such that the silencer system is active when the pipe (6) is opened and closed, where the silencer system has a different damping characteristic when the pipe (6) is opened. The silencer system has pipe and chamber volumes (22, 23) that are acoustically coupled to the pipe (6).

IPC 8 full level  
**F01N 1/16** (2006.01); **F01N 1/00** (2006.01)

CPC (source: EP US)  
**F01N 1/003** (2013.01 - EP US); **F01N 1/023** (2013.01 - EP US); **F01N 1/163** (2013.01 - EP US); **F01N 1/166** (2013.01 - EP US);  
**F01N 2470/14** (2013.01 - EP US); **F01N 2470/16** (2013.01 - EP US)

Citation (search report)

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Designated contracting state (EPC)  
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

Designated extension state (EPC)  
AL BA HR MK RS

DOCDB simple family (publication)  
**EP 1760279 A2 20070307; EP 1760279 A3 20090311; EP 1760279 B1 20101013**; DE 102005041692 A1 20070315;  
DE 502006008064 D1 20101125; US 2007045043 A1 20070301; US 7506723 B2 20090324

DOCDB simple family (application)  
**EP 06118826 A 20060811**; DE 102005041692 A 20050901; DE 502006008064 T 20060811; US 51382006 A 20060831