

Title (en)  
Exhaust gas installation

Title (de)  
Abgasanlage

Title (fr)  
Installation de gaz d'échappement

Publication  
**EP 2105587 A3 20091021 (DE)**

Application  
**EP 09003500 A 20090311**

Priority  
DE 102008015929 A 20080327

Abstract (en)  
[origin: EP2105587A2] The exhaust system (3) has an exhaust manifold (7) for closing the exhaust system in an internal combustion engine (2). The exhaust gas cleaning device (12) and a sound absorber (13) are provided in the exhaust system, and the exhaust pipe end is opened for surrounding (8). The sound absorber is formed as active sound absorber, which is operated with a loudspeaker (17) for anti-sound generation.

IPC 8 full level  
**F01N 1/06** (2006.01); **F01N 13/08** (2010.01)

CPC (source: EP)  
**F01N 1/065** (2013.01); **F01N 13/082** (2013.01); **F01N 2470/10** (2013.01); **F01N 2470/20** (2013.01)

Citation (search report)

- [Y] WO 9113243 A1 19910905 - NOISE CANCELLATION TECH [US]
- [Y] US 4198817 A 19800422 - FUJITA TOMIO [JP], et al
- [A] EP 0674097 A1 19950927 - ELECTRONIC SOUND ATTENUATION S [IT]
- [A] US 6283162 B1 20010904 - BUTLER BOYD L [US]
- [A] US 5693918 A 19971202 - BREMIGAN CARY D [US], et al

Designated contracting state (EPC)  
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO SE SI SK TR

Designated extension state (EPC)  
AL BA RS

DOCDB simple family (publication)  
**EP 2105587 A2 20090930; EP 2105587 A3 20091021; EP 2105587 B1 20120704; EP 2105587 B2 20160921**; DE 102008015929 A1 20091001

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**EP 09003500 A 20090311**; DE 102008015929 A 20080327