

Title (en)

Exhaust gas device for an internal combustion engine

Title (de)

Abgasvorrichtung für eine Brennkraftmaschine

Title (fr)

Dispositif de gaz d'échappement pour un moteur à combustion interne

Publication

**EP 2617956 B1 20150624 (DE)**

Application

**EP 13150198 A 20130104**

Priority

DE 102012200712 A 20120119

Abstract (en)

[origin: EP2617956A1] The device (2) has an exhaust line (5) including a double-flow design in a rear section (X). The double-flow section includes two exhaust pipes (11) with acoustic actuators (12), which are connected to the exhaust pipes in a sound-transmitting manner. The exhaust pipes are unsimilarly designed. The actuators are individually controlled. A time lag device i.e. capacitor (28), is provided in a connection path (27) between one of the actuators and a control device (25). The exhaust pipes have a coupling point (18), at which sound transmission of the actuators to the exhaust pipes takes place. Independent claims are also included for the following: (1) a method for controlling actuators of an exhaust device (2) a motor car.

IPC 8 full level

**F01N 1/06** (2006.01); **F01N 1/02** (2006.01); **F02B 75/22** (2006.01); **F02M 35/12** (2006.01)

CPC (source: EP US)

**F01N 1/02** (2013.01 - US); **F01N 1/023** (2013.01 - EP US); **F01N 1/065** (2013.01 - EP US); **G10K 15/02** (2013.01 - EP US); **F01N 2210/02** (2013.01 - EP US); **F02B 75/22** (2013.01 - EP US); **F02M 35/125** (2013.01 - EP US)

Cited by

FR3067752A1; WO2018229371A1

Designated contracting state (EPC)

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DOCDB simple family (publication)

**EP 2617956 A1 20130724; EP 2617956 B1 20150624**; BR 102013001397 A2 20170502; BR 102013001397 B1 20201027; CN 103216293 A 20130724; CN 103216293 B 20151028; DE 102012200712 A1 20130725; DE 102012200712 B4 20150709; JP 2013148093 A 20130801; JP 5623560 B2 20141112; US 2013186062 A1 20130725; US 9284868 B2 20160315

DOCDB simple family (application)

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