

Title (en)

AUTOMOTIVE EXHAUST SILENCER SYSTEM WITH VARIABLE DAMPING CHARACTERISTICS

Title (de)

SCHALLDÄMPFERANLAGE EINES KRAFTFAHRZEUGES MIT VARIABLER DÄMPFUNGSSCHARAKTERISTIK

Title (fr)

SYSTEME DE SILENCIEUX DE VEHICULE AUTOMOBILE

Publication

**EP 1278945 B1 20050907 (DE)**

Application

**EP 01947243 A 20010426**

Priority

- DE 10020491 A 20000426
- EP 0104694 W 20010426

Abstract (en)

[origin: WO0181734A1] An automotive exhaust silencer system (1) consisting of exhaust silencers (2, 3) and an actuator (4) for modifying the flow resistance of the waste gas flowing therethrough by modifying the damping characteristics . The actuator (4) is provided with an inlet (6) and two outlets (7,8) in a branch-off (5). Each outlet (7 or 8) is connected to a silencer (2 or 3) by means of a conduit (9 or 10) and the flow diameter (D) of the inlet (6) can be modified by the actuator.

IPC 1-7

**F01N 1/16**

IPC 8 full level

**F01N 1/16** (2006.01); **F01N 13/04** (2010.01)

CPC (source: EP US)

**F01N 1/165** (2013.01 - EP US); **F01N 13/011** (2014.06 - EP US)

Designated contracting state (EPC)

AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE TR

DOCDB simple family (publication)

**WO 0181734 A1 20011101**; AT E304118 T1 20050915; DE 10020491 A1 20020314; DE 50107367 D1 20051013; EP 1278945 A1 20030129; EP 1278945 B1 20050907; US 2002175022 A1 20021128; US 7040451 B2 20060509

DOCDB simple family (application)

**EP 0104694 W 20010426**; AT 01947243 T 20010426; DE 10020491 A 20000426; DE 50107367 T 20010426; EP 01947243 A 20010426; US 1897901 A 20011218