

Title (en)
Active exhaust silencer

Title (de)
Aktiver Abgasschalldämpfer

Title (fr)
Amortisseur actif de bruit de gaz d'échappement

Publication
EP 1055804 B1 20030312 (DE)

Application
EP 00110736 A 20000519

Priority
DE 19922897 A 19990519

Abstract (en)
[origin: EP1055804A1] The silencer has an exhaust tube (6) with a sound coupling point (5) in its wall, an introduction point for anti sound gener by a loudspeaker, and a resonance channel (4). The channel section (10) containing the coupling point, and a housing chamber nex the channel wall, are separated by a cooling gap (18,22) with cooling air flowing through it. The channel is formed by the inner chamber of a housing (7). The exhaust pipe passes through the housing, and the housing chamber forms the channel section (11) containing the introduction point.

IPC 1-7
F01N 1/06

IPC 8 full level
F01N 1/06 (2006.01); **H04R 3/00** (2006.01)

CPC (source: EP)
F01N 1/065 (2013.01); **H04R 3/002** (2013.01)

Cited by
DE102008018085A1; JP2013139786A; CN112088245A; DE102006042224B3; DE102013011937B3; DE102013217849A1; DE102011117807A1; DE102013208186A1; DE102013208186B4; EP1627996A1; DE102004040421A1; US7293627B2; DE102009049280A1; EP2826966A1; US9066168B2; DE102013104307A1; EP3165729A1; DE102015119191A1; US9997152B2; EP2818654A1; DE102013010609A1; US9706295B2; DE102013010609B4; EP2530263A1; EP2600342A2; DE102012023643A1; DE202012012724U1; US9025786B2; US9386366B2; EP2108791A1; US7891463B2; US9462363B2; EP2797075A2; EP2801708A1; DE102013104810A1; US9374632B2; EP2543835A1; DE102011106647A1; EP2590163A2; DE102011117495A1; EP2723099A1; DE102012109872A1; US8930071B2; US9084039B2; US9591387B2; EP1898059A2; EP2915967A1; US9728176B2; US7533759B2

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