

Title (en)
Active exhaust silencer

Title (de)
Aktiver Abgasschalldämpfer

Title (fr)
Silencieux d'échappement actif

Publication
EP 1627996 A1 20060222 (DE)

Application
EP 05106117 A 20050706

Priority
DE 102004040421 A 20040819

Abstract (en)
The exhaust gas silencer (1) for the exhaust system (3) of the engine has a housing (2) with the tube system (8) through it, containing three cavities (9, 12, 17). The third cavity (17) contains a labyrinth (21) which blocks of the direct path (22) for the propagation of air noise between the noise outlet (20) and of wall aperture (18) in the dividing wall (16) between the second and third cavities.

IPC 8 full level
F01N 1/06 (2006.01); **F01N 1/08** (2006.01); **F01N 13/14** (2010.01)

CPC (source: EP US)
F01N 1/006 (2013.01 - EP US); **F01N 1/023** (2013.01 - EP US); **F01N 1/065** (2013.01 - EP US); **F01N 1/083** (2013.01 - EP US);
F01N 2490/02 (2013.01 - EP US)

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