

Title (en)
Exhaust silencer

Title (de)
Schalldämpfer

Title (fr)
Silencieux d'échappement

Publication
EP 2000637 B1 20120425 (DE)

Application
EP 08157032 A 20080528

Priority
DE 102007026811 A 20070606

Abstract (en)
[origin: EP2000637A1] A silencer comprises a housing which encloses an inner cavity (3), an inlet pipe (2) which has an outlet (5) in the cavity (3), a bypass tube (6) and a switch element (8) actuated by the gas flow and arranged down-stream of the bypass tube, on or in the inlet pipe (4). At least one outlet pipe (9) is provided, and the inner cavity is acoustically intrinsic such that the volume of the inner chamber actuated on by the air noise with open and closed switching element are equal.

IPC 8 full level
F01N 1/00 (2006.01); **F01N 1/08** (2006.01); **F01N 1/16** (2006.01)

CPC (source: EP US)
F01N 1/003 (2013.01 - EP US); **F01N 1/084** (2013.01 - EP US); **F01N 1/165** (2013.01 - EP US); **F01N 1/10** (2013.01 - EP US)

Cited by
EP3109423A1; EP2915967A1; US9759105B2; US9728176B2

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 MT NL NO PL PT RO SE SI SK TR

DOCDB simple family (publication)
EP 2000637 A1 20081210; EP 2000637 B1 20120425; AT E555278 T1 20120515; DE 102007026811 A1 20081211; US 2008302598 A1 20081211; US 7849960 B2 20101214

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