

Title (en)
Silencer

Title (de)
Schalldämpfer

Title (fr)
Silencieux

Publication
EP 0802308 B1 20010321 (DE)

Application
EP 97105824 A 19970409

Priority
DE 29607010 U 19960418

Abstract (en)
[origin: EP0802308A1] The damper has a housing (1) through which the engine exhaust line (3) is passed. Acoustic openings (4,6) are set in the exhaust line within the interior (2) of the noise damper housing. One of these openings is provided by an aperture coupled to a pipe section (5). Further openings are provided by perforations enclosed by a sound insulation material (7).

IPC 1-7
F01N 1/04; **F01N 1/06**

IPC 8 full level
F01N 1/04 (2006.01); **F01N 1/06** (2006.01)

CPC (source: EP)
F01N 1/04 (2013.01); **F01N 1/06** (2013.01); **F01N 2490/15** (2013.01); **F01N 2490/20** (2013.01)

Cited by
DE102016103453A1; RU185332U1; EP1548701A1; FR2864199A1; WO2017144266A1; DE102016103466A1; EP1500798A1;
DE102016103453B4

Designated contracting state (EPC)
DE FR GB IT

DOCDB simple family (publication)
DE 29607010 U1 19970814; DE 59703160 D1 20010426; EP 0802308 A1 19971022; EP 0802308 B1 20010321

DOCDB simple family (application)
DE 29607010 U 19960418; DE 59703160 T 19970409; EP 97105824 A 19970409