

Title (en)
Muffler and exhaust gas system

Title (de)
Schalldämpfer sowie Abgasanlage

Title (fr)
Silencieux et dispositif d'échappement

Publication
EP 1510668 B1 20060614 (DE)

Application
EP 04017953 A 20040729

Priority
DE 10339290 A 20030827

Abstract (en)
[origin: EP1510668A1] Seen along the direction of exhaust gas flow, and located ahead of the openings (36, 38) there are turbulence-inducing baffles (40) projecting inwardly from the inner surface of the exhaust pipe (18) which is located within the exhaust box casing (12). The baffles are in the form of e.g. sheet metal studs pressed into the exhaust pipe, extending radially by about 1/10th of the pipe diameter, and extending transversely and longitudinally by about 1/3 and 1/6 of the diameter respectively. The silencer operates reflectively or resonantly.

IPC 8 full level
F01N 1/08 (2006.01)

CPC (source: EP)
F01N 1/08 (2013.01); **F01N 1/089** (2013.01); **F01N 2470/04** (2013.01)

Cited by
CN113482754A; CN109026301A; US2011146255A1; US8925308B2; CN109057917A; US9228478B2; US96444509B2

Designated contracting state (EPC)
DE FR GB IT SE

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