

Title (en)

Active silencer for exhaust systems

Title (de)

Aktiver Schalldämpfer für Abgasanlagen

Title (fr)

Silencieux actif pour système d'échappement

Publication

**EP 1318281 B1 20050831 (DE)**

Application

**EP 02018051 A 20020813**

Priority

DE 10159487 A 20011204

Abstract (en)

[origin: DE10159487C1] The sound damping device (1) has a hollow body (4) with at least one movable wall (6), operated by a drive (10), for generation of counter sound, acoustically coupled to the engine exhaust pipe (9). The movable wall is provided by the bottom of a piston (5), the hollow body providing a cylinder space within which the piston is reciprocated at a constant ratio to the engine revs.

IPC 1-7

**F01N 1/06**

IPC 8 full level

**F01N 1/06** (2006.01)

CPC (source: EP)

**F01N 1/065** (2013.01)

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**DE 10159487 C1 20030220**; DE 50204073 D1 20051006; EP 1318281 A2 20030611; EP 1318281 A3 20040107; EP 1318281 B1 20050831

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