

Title (en)  
Silencer

Title (de)  
Schalldämpfer

Title (fr)  
Silencieux

Publication  
**EP 1577513 A3 20060517 (DE)**

Application  
**EP 05002795 A 20050210**

Priority  
DE 102004013182 A 20040317

Abstract (en)  
[origin: EP1577513A2] The silencer (10), especially for exhaust gases of an internal combustion engine, has at least one hollow chamber structure (20) installed in the silencer casing (14). At least one pipe (12,16,26) is installed inside the casing and is pressed into the hollow chamber structure. The pipe has an end face which lies inside the hollow chamber structure, and an end face which protrudes from it. The pipe has an anchoring structure (28) in the section accommodated inside the hollow chamber structure.

IPC 8 full level  
**F01N 1/22** (2006.01); **F01N 1/08** (2006.01); **F01N 1/24** (2006.01); **F01N 13/16** (2010.01); **F01N 13/18** (2010.01); **F02M 35/12** (2006.01)

CPC (source: EP)  
**F01N 1/089** (2013.01); **F01N 1/24** (2013.01); **F01N 13/16** (2013.01); **F01N 13/185** (2013.01)

Citation (search report)  
• [A] WO 9319291 A1 19930930 - ILLBRUCK GMBH [DE]  
• [A] PATENT ABSTRACTS OF JAPAN vol. 007, no. 081 (M - 205) 5 April 1983 (1983-04-05)

Designated contracting state (EPC)  
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