

Title (en)  
Silencer for an exhaust system

Title (de)  
Schalldämpfer für eine Abgasanlage

Title (fr)  
Silencieux pour système d'échappement

Publication  
**EP 1617050 A1 20060118 (DE)**

Application  
**EP 05104275 A 20050519**

Priority  
DE 102004034206 A 20040714

Abstract (en)  
Silencer (1) comprises a Y-shaped feed piece (2) arranged upstream of the silencer for joining two exhaust gas-removing lines (3, 4) to form a line (5) entering the silencer. The feed piece and the silencer are made from a common lower shell (6) and a common upper shell (7). An independent claim is also included for an exhaust gas installation containing the silencer. Preferred Features: A probe (10) for measuring parameters relevant to the exhaust gas is arranged in a region of the crossing point of both lines (3, 4). The probe is a NO xprobe. The feed piece has a flow guiding contour (11) for uniform mixing of the exhaust gases.

IPC 8 full level  
**F01N 1/04** (2006.01); **F01N 3/28** (2006.01); **F01N 13/08** (2010.01); **F01N 13/18** (2010.01)

CPC (source: EP US)  
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Citation (search report)

- [A] US 4206178 A 19800603 - KAKINUMA AKIO [JP], et al
- [A] US 4621494 A 19861111 - FUJITA KAZUNORI [JP]
- [A] US 5148597 A 19920922 - WEEKS ANDREW M [US]
- [A] PATENT ABSTRACTS OF JAPAN vol. 009, no. 242 (M - 417) 28 September 1985 (1985-09-28)

Cited by  
FR3067752A1; WO2018229371A1

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