

Title (en)  
Combined exhaust gas treatment/silencer device in an exhaust line of an internal combustion engine

Title (de)  
Kombinierte Abgasnachbehandlungs- /Schalldämpfungsvorrichtung im Abgasstrang einer Brennkraftmaschine

Title (fr)  
Combinaison d'un traitement des gaz d'échappement et d'un silencieux implanté dans la ligne d'échappement d'un moteur à combustion interne

Publication  
**EP 1467070 B1 20060308 (DE)**

Application  
**EP 04007937 A 20040401**

Priority  
DE 10316799 A 20030411

Abstract (en)  
[origin: EP1467070A1] The combined internal combustion engine exhaust gas re-treatment/sound damping arrangement has a sound damper (1) bounded by front and rear end walls and a peripheral outer wall with at least one pre-oxidation catalyzer (5) and at least one re-treatment device. At least one exhaust gas re-treatment/sound damping module (7) is fitted in the sound damper as the core of the system.

IPC 8 full level  
**F01N 3/023** (2006.01); **F01N 1/24** (2006.01); **F01N 3/035** (2006.01); **F01N 3/28** (2006.01); **F01N 13/02** (2010.01); **F01N 13/04** (2010.01); **F01N 13/18** (2010.01)

CPC (source: EP US)  
**F01N 1/24** (2013.01 - EP US); **F01N 3/0231** (2013.01 - EP US); **F01N 3/035** (2013.01 - EP US); **F01N 3/2885** (2013.01 - EP US); **F01N 13/0097** (2014.06 - EP US); **F01N 13/017** (2014.06 - EP US); **F01N 13/1894** (2013.01 - EP US); **F01N 2470/16** (2013.01 - EP US); **F01N 2470/22** (2013.01 - EP US); **F01N 2490/02** (2013.01 - EP US); **F01N 2490/06** (2013.01 - EP US); **F01N 2510/08** (2013.01 - EP US); **F01N 2530/02** (2013.01 - EP US); **F01N 2530/04** (2013.01 - EP US)

Cited by  
CN109707485A; CN111788373A; EP3748141A4; US11174775B2; US11267333B2; WO2019166444A1; FR3106853A1

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AT DE FR IT SE TR

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**EP 04007937 A 20040401**; AT 04007937 T 20040401; DE 10316799 A 20030411; DE 502004000334 T 20040401; US 82254304 A 20040412