

Title (en)  
Active exhaust gas muffler.

Title (de)  
Aktiver Abgasschalldämpfer.

Title (fr)  
Silencieux actif de gaz d'échappement.

Publication  
**EP 0674097 A1 19950927 (EN)**

Application  
**EP 95102257 A 19950217**

Priority  
IT TO940109 A 19940222

Abstract (en)  
An active muffler (1) wherein a metal casing (3) defines a parallelepiped inner cavity (8) divided into a first (8a) and second (8b) chamber by a rectangular panel (13) of material impervious to heat. The panel (13) presents a central through opening (19), the peripheral edge of which contacts the peripheral edge (30) of the cone of a loudspeaker (6) housed in the first chamber (8a) and supplied by an electronic active noise reducing system. The second chamber (8b) houses a passive muffler (35) supplied with the exhaust gas produced by a vehicle engine. <IMAGE>

IPC 1-7  
**F01N 1/06**; **G10K 11/178**

IPC 8 full level  
**F01N 1/06** (2006.01); **G10K 11/178** (2006.01)

CPC (source: EP US)  
**F01N 1/065** (2013.01 - EP US); **G10K 11/1785** (2017.12 - EP US); **G10K 11/17857** (2017.12 - EP US); **G10K 11/17861** (2017.12 - EP US); **G10K 11/17883** (2017.12 - EP US); **G10K 2210/121** (2013.01 - EP); **G10K 2210/1282** (2013.01 - EP); **G10K 2210/12822** (2013.01 - EP); **G10K 2210/3214** (2013.01 - EP); **G10K 2210/3227** (2013.01 - EP); **G10K 2210/32271** (2013.01 - EP)

Citation (search report)  
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• [Y] WO 9305282 A1 19930318 - ACTIVE NOISE & VIBRATION TECH [US]  
• [Y] WO 9309334 A1 19930513 - NOISE CANCELLATION TECH [US]  
• [Y] PATENT ABSTRACTS OF JAPAN vol. 17, no. 263 (M - 1415) 24 May 1993 (1993-05-24)  
• [A] PATENT ABSTRACTS OF JAPAN vol. 18, no. 21 (P - 1674) 13 January 1994 (1994-01-13)

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Designated contracting state (EPC)  
DE ES FR GB SE

DOCDB simple family (publication)  
**EP 0674097 A1 19950927**; IT 1267402 B1 19970205; IT TO940109 A0 19940222; IT TO940109 A1 19950822

DOCDB simple family (application)  
**EP 95102257 A 19950217**; IT TO940109 A 19940222