

Title (en)

Noise attenuator designed and meant for a compressor

Title (de)

Schalldämpfer ausgebildet und bestimmt für einen Kompressor

Title (fr)

Silencieux développé pour et destiné à un compresseur

Publication

EP 1715188 A1 20061025 (DE)

Application

EP 05008836 A 20050422

Priority

EP 05008836 A 20050422

Abstract (en)

Sound absorber (11) comprises a channel section formed as an axial branch (17) with an axial preferred direction aligned parallel to the flow direction of the gas stream in a feed channel (15) so that the gas stream meets the branch on the front side. An independent claim is also included for a method for reducing pulses in a gas stream produced by a compressor or vacuum pump. Preferred Features: The main line (16) of the sound absorber is structured and aligned so that the gas stream leaves a branch (14) within the sound absorber in a direction across the gas stream in the feed channel.

IPC 8 full level

F04C 29/06 (2006.01)

CPC (source: EP)

F04C 29/061 (2013.01); **F04C 18/16** (2013.01); **F04C 2220/10** (2013.01)

Citation (search report)

- [X] US 2990907 A 19610704 - EVERETT WILHELM S
- [X] US 5101931 A 19920407 - BLASS JAROSLAV [US], et al
- [X] FR 2498681 A1 19820730 - SONICA [FR]
- [X] PATENT ABSTRACTS OF JAPAN vol. 2003, no. 12 5 December 2003 (2003-12-05)
- [X] PATENT ABSTRACTS OF JAPAN vol. 1996, no. 05 31 May 1996 (1996-05-31)

Cited by

CN114576167A; FR3112176A1; FR3109806A1; WO2021219307A1; US10180140B2; EP3356677B1

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU MC NL PL PT RO SE SI SK TR

Designated extension state (EPC)

AL BA HR LV MK YU

DOCDB simple family (publication)

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DOCDB simple family (application)

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