Title (en)

Silencer for intake and/or exhaust in respect of compressed air systems

Title (de)

Schalldämpfer für den Ein- und/oder Ablass in bzw. aus Druckluftsystemen

Title (fr)

Silencieux d'admission et/ou d'échappement d'un système d'air comprimé

Publication

EP 1172548 A3 20020925 (DE)

Application

EP 01115537 A 20010628

Priority

DE 10034243 A 20000713

Abstract (en)

[origin: EP1172548A2] Muffler (1) for muffling the intake noise of compressors and/or for muffling discharge noise from compressed air systems comprises baffle plates (6) arranged inside the muffler which run at an angle (alpha) of between 45 and 70 degrees to the basic flow direction and force air flowing through to follow a meandering course. Preferred Features: The baffle plates are parallel. Air-permeable, open-pored foamed material (3) is positioned near the low-pressure opening (5).

IPC 1-7

F02M 35/12; F01N 1/08; F01N 7/00

IPC 8 full level

F01N 1/08 (2006.01); **F01N 13/00** (2010.01); **F02M 35/12** (2006.01); **F04B 39/00** (2006.01)

CPC (source: EP)

F01N 1/082 (2013.01); **F01N 1/083** (2013.01); **F01N 13/007** (2013.01); **F02M 35/1211** (2013.01); **F02M 35/1233** (2013.01); **F02M 35/1272** (2013.01); **F04B 39/0061** (2013.01)

Citation (search report)

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DOCDB simple family (publication)

EP 1172548 A2 20020116; **EP 1172548 A3 20020925**; DE 10034243 A1 20020131; DE 10034243 B4 20051110

DOCDB simple family (application)

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