

Title (en)

PRESSURIZED AIR MUFFLER FOR PNEUMATIC APPLICATIONS

Title (de)

DRUCKLUFT-SCHALLDÄMPFER FÜR PNEUMATISCHE ANWENDUNGEN

Title (fr)

AMORTISSEUR SONORE A AIR COMPRIME DESTINE A DES APPLICATIONS PNEUMATIQUES

Publication

EP 2082138 B1 20100804 (DE)

Application

EP 08707762 A 20080219

Priority

- EP 2008001260 W 20080219
- DE 102007011455 A 20070309

Abstract (en)

[origin: WO2008110252A1] A pressurized air muffler (3) is proposed that is penetrated by an unobstructed air flow channel (7). A section of the length of the air flow channel (7) penetrates a sound-absorbing device (14) and joins on said sound-absorbing device with an air escape opening (17) to an expansion chamber (37), which is delimited by a multi-layer closing wall (35). The closing wall is penetrated by an air outlet channel (38) disposed in a laterally offset fashion relative to the air escape opening (17) and free of overlap, said closing wall comprising a sound-absorbing layer (46) that faces the expansion chamber (37) and is flanked on the rear thereof by a sound reflection layer (47).

IPC 8 full level

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CPC (source: EP)

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Cited by

EP4339046A1; EP4339048A1; EP4339047A1; WO2024056283A1; WO2024056351A1; WO2024056370A1

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