

Title (en)
A SILENCER

Title (de)
SCHALLDÄMPFER

Title (fr)
SILENCIEUX

Publication
EP 4375573 A1 20240529 (EN)

Application
EP 22209227 A 20221123

Priority
EP 22209227 A 20221123

Abstract (en)
A silencer for reducing airflow noise, comprising: a first pipe segment having a first section with a first internal dimension and a second section with a second internal dimension, wherein the first internal dimension is larger than the second internal dimension; a second pipe segment having a first section with a third internal dimension and a second section with a fourth internal dimension, wherein the third internal dimension is larger than the fourth internal dimension; wherein the first internal dimension and the third internal dimension are configured such that one of the first section of the first pipe segment and the first section of the second pipe segment tightly fits into the other one of the first section of the first pipe segment and the first section of the second pipe segment; wherein the first section of the first pipe segment is configured to connect to the first section of the second pipe segment to form a sealed air passage; and wherein the first section of the first pipe segment and the first section of the second pipe segment are arranged such that the internal space of the first section of the first pipe segment and the first section of the second pipe segment has a substantially uniform internal dimension and is free from any components obstructing airflow.

IPC 8 full level
F23D 14/46 (2006.01)

CPC (source: EP)
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Citation (search report)
• [X] US 4168948 A 19790925 - OKAMOTO TOSHIMASA, et al
• [X] DE 19519073 A1 19951130 - SEM SCHNEIDER ELEMENTEBAU GMBH [DE]
• [A] EP 2138767 A2 20091230 - BAXI SPA [IT]

Designated contracting state (EPC)
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Designated extension state (EPC)
BA

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