

Title (en)
Silencing arrangement

Title (de)
Schalldämpfungsanordnung

Title (fr)
Agencement de silençage

Publication
EP 3002405 A3 20160907 (EN)

Application
EP 14187298 A 20141001

Priority
SE 1451077 A 20140915

Abstract (en)
[origin: EP3002405A2] According to the invention, there is provided a silencing arrangement for installation (11) in a through opening in a window frame or in another opening through a separating surface. The arrangement comprises a plurality of air channels (14) which extend along the entire or substantially the entire depth of the silencing arrangement, which air channels are separated by sound absorbing elements (13) which are fixated relative each other. A first end of each of at least two of the sound absorbing elements has another width than the respective other end. The at least two sound absorbing elements of the sound absorbing elements are alternately arranged such that every other of these at least two sound absorbing elements taper in the depth direction of the silencing arrangement, and the remaining of these at least two sound absorbing elements expand in the depth direction, thereby making at least one of the air channels disposed at an angle relative the depth direction of the silencing arrangement.

IPC 8 full level
E06B 7/02 (2006.01); **F24F 13/24** (2006.01)

CPC (source: EP SE)
E04B 1/8209 (2013.01 - SE); **E06B 7/02** (2013.01 - EP SE); **E06B 7/10** (2013.01 - SE); **F24F 13/18** (2013.01 - EP SE); **F24F 13/24** (2013.01 - EP SE); **F24F 2013/242** (2013.01 - EP SE)

Citation (search report)

- [XY] FR 2915270 A3 20081024 - DIR AIR OY [FI]
- [X] FR 2108344 A5 19720519 - SOUND ATTENUATORS LTD
- [XI] FR 2466824 A1 19810410 - FIAT RICERCHÉ [IT]
- [X] WO 2005108696 A1 20051117 - MATTHEWS CHRISTOPHER JAMES [AU], et al
- [X] GB 1344268 A 19740116 - SOUND ATTENUATORS LTD
- [Y] BE 521580 A

Cited by
US2017241664A1; GB2605371A; US10260772B2; JP2017067378A

Designated contracting state (EPC)
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)
BA ME

DOCDB simple family (publication)
EP 3002405 A2 20160406; EP 3002405 A3 20160907; SE 1451077 A1 20160316; SE 541181 C2 20190423

DOCDB simple family (application)
EP 14187298 A 20141001; SE 1451077 A 20140915