

Title (en)  
WALL PASSAGE

Title (de)  
WANDDURCHFÜHRUNG

Title (fr)  
TRAVERSÉE MURALE

Publication  
**EP 4290151 A1 20231213 (EN)**

Application  
**EP 23163849 A 20230323**

Priority  
BE 202205441 A 20220607

Abstract (en)  
A wall passage provided to be incorporated in a wall of a building and configured to be connected to an air displacing unit, the wall passage comprising an air inlet and an air outlet, wherein provided between the air inlet and the air outlet is a sound trap which takes the form of a chamber with a chamber air inlet and a chamber air outlet between which at least a segment of the channel is situated, wherein the segment of the channel secondarily guides the airflow in a direction parallel to the wall and wherein the chamber is formed such that the airflow travels in the chamber through a substantially two-dimensional bend which lies parallel to the wall in order to prevent a linear airflow from the chamber air inlet to the chamber air outlet and so damp propagation of sound through the chamber.

IPC 8 full level  
**F24F 12/00** (2006.01); **F24F 13/24** (2006.01)

CPC (source: EP)  
**F24F 12/001** (2013.01); **F24F 13/24** (2013.01); **F24F 2007/0025** (2021.01); **F24F 2013/245** (2013.01)

Citation (applicant)  
• BE 1024294 A1 20180116 - WILMS ERIK [BE]  
• DE 20305801 U1 20030717 - LTG AG [DE]

Citation (search report)  
• [XAI] WO 9840598 A1 19980917 - NEMCEK MILAN [SK]  
• [X] DE 20305801 U1 20030717 - LTG AG [DE]  
• [X] DE 19623708 C1 19971211 - MAICO ELEKTROAPPARATE [DE]  
• [X] WO 2009071963 A1 20090611 - EUR EX S R L [SM], et al  
• [X] JP S57142432 A 19820903 - NAKA TECH LAB

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 ME MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)  
BA

Designated validation state (EPC)  
KH MA MD TN

DOCDB simple family (publication)  
**EP 4290151 A1 20231213**; BE 1030595 A1 20240109; BE 1030595 B1 20240115

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**EP 23163849 A 20230323**; BE 202205441 A 20220607