

Title (en)
INDOOR AIR EXCHANGE ASSEMBLY COMPRISING A PRESSED-FIBRE AIR GUIDE AND METHOD FOR MANUFACTURING PRESSED-FIBRE AIR GUIDE

Title (de)
INNENRAUMLUFTAUSTAUSCHANORDNUNG MIT EINER LUFTFÜHRUNG MIT GEPRESSTER FASER UND VERFAHREN ZUR HERSTELLUNG DER LUFTFÜHRUNG MIT GEPRESSTER FASER

Title (fr)
ENSEMBLE D'ÉCHANGE D'AIR INTÉRIEUR AVEC UN GUIDE D'AIR À FIBRES COMPRIMÉES ET PROCÉDÉ DE FABRICATION DE GUIDE D'AIR À FIBRES COMPRIMÉES

Publication
EP 4368905 A1 20240515 (EN)

Application
EP 23207756 A 20231103

Priority
SE 2251307 A 20221109

Abstract (en)
An indoor air exchange assembly for a reversible-flow ventilation unit comprises a wall mount (28) configured to be attached to an indoor wall face extending in a wall plane, the wall mount (28) comprising an air duct interface (32a); and a cover configured to be held by the wall mount (28), the cover comprising a pressed-fibre air guide (40) having a proximal side configured to face said indoor wall face (30) and a distal side configured to face away from said indoor wall face (30), the proximal side of the pressed-fibre air guide (40) defining an elongate airflow channel (52) extending parallel to the wall plane (P) from the air duct interface (32a) to a ventilation orifice (54).

IPC 8 full level
F24F 7/08 (2006.01); **F24F 13/06** (2006.01); **F24F 13/24** (2006.01)

CPC (source: EP)
F24F 7/08 (2013.01); **F24F 13/06** (2013.01); **F24F 2013/242** (2013.01)

Citation (applicant)
EP 3943830 A1 20220126 - INVENTER GMBH [DE]

Citation (search report)

- [XYI] US 2022316749 A1 20221006 - WALTER ERIK SCHRADER [US]
- [Y] KR 20100079709 A 20100708 - CHOI CHANG HO [KR]
- [X] US 4159674 A 19790703 - BRUMLEU JR EDWARD C
- [A] DE 202019106246 U1 20210217 - SCHMITZ OLIVER [DE]
- [A] US 2008160904 A1 20080703 - YI CHRISTOPHER S [US], et al
- [A] CN 206387083 U 20170808 - GREE ELECTRIC APPLIANCES INC ZHUHAI

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

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