

Title (en)

MOUNTING ARRANGEMENT FOR AN AIR TERMINAL DEVICE FOR CONTROL OF AIR FLOW IN A VENTILATION SYSTEM

Title (de)

MONTAGEANORDNUNG FÜR EINE LUFTENDGERÄTEVORRICHTUNG ZUR STEUERUNG DES LUFTSTROMS IN EINEM LÜFTUNGSSYSTEM

Title (fr)

AGENCEMENT DE MONTAGE POUR BOUCHE D'AIR POUR RÉGULER LE FLUX D'AIR DANS UN SYSTÈME DE VENTILATION

Publication

EP 4314659 A1 20240207 (EN)

Application

EP 22776227 A 20220322

Priority

- SE 2150360 A 20210326
- SE 2022050270 W 20220322

Abstract (en)

[origin: WO2022203576A1] The invention relates to an air terminal device (1) for a ventilation system for a building. The air terminal device (1) comprises a pressure box (2a), a recirculating air inlet (4), a ventilation air outlet (6) and a supply air inlet (8). The pressure box (2a) is provided with nozzles (3) for admitting air into a mixing chamber (2b). The recirculating air inlet (4) is designed for admitting recirculating air into a recirculating air chamber (2c). The ventilation air outlet (6) is designed for providing a flow of mixed supply air and recirculated air to a space to be ventilated. The flow of supply air induces a recirculating air flow and said recirculated air flow and supply air flow is mixed in the mixing chamber (2b). The mixed air will be admitted to the space to be ventilated via the ventilation air outlet (6). The air terminal device (1) forms part of a foundation structure or socle (101) of a cabinet (102). The invention also relates to a cabinet (101) comprising a socle (102) provided with an air terminal device (1) as described above.

IPC 8 full level

F24F 1/01 (2011.01); **A47B 96/00** (2006.01); **F24F 1/005** (2019.01)

CPC (source: EP SE)

A47B 96/00 (2013.01 - SE); **F24F 1/005** (2019.02 - EP); **F24F 1/01** (2013.01 - EP SE); **F24F 5/0096** (2013.01 - SE)

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

Designated validation state (EPC)

KH MA MD TN

DOCDB simple family (publication)

WO 2022203576 A1 20220929; EP 4314659 A1 20240207; SE 2150360 A1 20220927; SE 546075 C2 20240514

DOCDB simple family (application)

SE 2022050270 W 20220322; EP 22776227 A 20220322; SE 2150360 A 20210326