

Title (en)  
BOX-LIKE BODY HOUSING AN APPARATUS FOR MECHANICAL VENTILATION

Title (de)  
KASTENFÖRMIGES GEHÄUSE MIT DARIN AUFGENOMMENER VORRICHTUNG ZUR MECHANISCHEN BELÜFTUNG

Title (fr)  
BOÎTIER AVEC LOGEMENT D'UN APPAREIL DE VENTILATION MÉCANIQUE

Publication  
**EP 4343220 A1 20240327 (EN)**

Application  
**EP 22196824 A 20220921**

Priority  
EP 22196824 A 20220921

Abstract (en)  
A box-like body (10) for housing an apparatus (A) for dual-flow mechanical ventilation with heat recovery, associable with a removable or openable hatch with slits or with a removable or openable blind hatch (11B), has an housing seat, inside which the apparatus (A) is housed and at which air introduction/extraction chambers communicating with the housing seat are obtained; each one of the air introduction/extraction chambers is provided with respective air introduction/extraction openings for connecting the box-like body (10) to a room to be ventilated and to an external environment, whereas the box-like body (10) is provided with canalizations and passages, which are closed in an openable manner, to put the air introduction/extraction chambers in communication with the slits, when they are present; in this manner, it is possible to define different transit configurations for an introduction air flow (I) and an extraction air flow (E), generated by the apparatus (A), respectively to the room to be ventilated and to the external environment, avoiding any direct contact therebetween.

IPC 8 full level  
**F24F 12/00** (2006.01); **F24F 13/20** (2006.01)

CPC (source: EP)  
**F24F 12/006** (2013.01); **F24F 13/20** (2013.01); **F24F 2012/007** (2013.01); **F24F 2221/17** (2013.01)

Citation (search report)  
• [XY] KR 20220045403 A 20220412 - LG ELECTRONICS INC [KR]  
• [XY] GB 2095394 A 19820929 - SIEGENIA FRANK KG  
• [XY] EP 3974741 A1 20220330 - HELTY S R L [IT]  
• [XY] EP 2573478 A2 20130327 - MAICO ELEKTROAPP FABRIK GMBH [DE]  
• [Y] KR 20220089826 A 20220629 - MEISTER CO LTD [KR]

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)  
**EP 4343220 A1 20240327**

DOCDB simple family (application)  
**EP 22196824 A 20220921**