

Title (en)  
VENTILATABLE STRUCTURE THAT ENCLOSES AN EXTERIOR SPACE

Title (de)  
ENTLÜFTBARE STRUKTUR UM EINEN AUSSENBEREICH

Title (fr)  
STRUCTURE POUVANT ÊTRE VENTILÉE QUI RENFERME UN ESPACE EXTÉRIEUR

Publication  
**EP 4303499 A1 20240110 (EN)**

Application  
**EP 23181735 A 20230627**

Priority  
BE 202205550 A 20220705

Abstract (en)  
A structure (1) that encloses an exterior space comprises supporting elements (2A, 2B), wall elements (3A, 3B, 3C, 3D), and a roof structure (4). The roof structure (4) consists at least partly of rotatable slats (5), which may be rotated between a closed position in which the rotatable slats (5) form a closing surface for the exterior space, and an open position in which the exterior space is ventilated via the rotatable slats (5). A control unit (6) that controls the rotatable slats (5) is coupled to a carbon dioxide meter (7), abbreviated to CO<sub>2</sub> meter, and is configured to control at least some of the rotatable slats (5A) on the basis of a carbon dioxide measurement, abbreviated to CO<sub>2</sub> measurement, received from the CO<sub>2</sub> meter (7).

IPC 8 full level  
**E04B 1/00** (2006.01); **F24F 7/02** (2006.01); **F24F 13/15** (2006.01)

CPC (source: EP)  
**E04B 1/0046** (2013.01); **E04B 7/163** (2013.01); **E04F 10/10** (2013.01); **F24F 7/02** (2013.01); **F24F 13/15** (2013.01); **F24F 2011/0002** (2013.01); **F24F 2110/70** (2018.01)

Citation (applicant)  

- EP 2853647 A1 20150401 - CORRADI S P A [IT]
- EP 3450640 A1 20190306 - WEINOR GMBH & CO KG [DE]
- DE 102007050522 A1 20090423 - WEIERMANN DIETER WEINOR [DE]

Citation (search report)  

- [I] JP H07286485 A 19951031 - NAKAI TOSHITAKA
- [I] EP 3450640 A1 20190306 - WEINOR GMBH & CO KG [DE]
- [A] KR 20220058746 A 20220510 - KOMASSOLAR [KR]
- [A] DK 202070382 A1 20220121 - VKR HOLDING AS [DK]
- [A] KR 101750079 B1 20170622 - DONGAST [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 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 4303499 A1 20240110**; BE 1030690 A1 20240129; BE 1030690 B1 20240205

DOCDB simple family (application)  
**EP 23181735 A 20230627**; BE 202205550 A 20220705