

Title (en)

Controlled ventilation system for a building via a door element

Title (de)

Kontrolliertes Lüftungssystem für ein Gebäude mittels eines Türelements

Title (fr)

Système d'aération contrôlé pour un bâtiment par un élément de porte associé

Publication

EP 2450520 B1 20180926 (DE)

Application

EP 11007036 A 20110830

Priority

CH 19522010 A 20101104

Abstract (en)

[origin: EP2450520A2] The door element has a door leaf, where a hinge and a closing element are arranged. An air supply channel (Z) and an air exhaust channel (A) are formed in the door leaf, where one of the channels has a fan (V). The air supply channel and the air exhaust channel are fluidically separated, where a channel opening is formed on both sides of the door leaf. An independent claim is also included for a ventilation system, particularly a controlled ventilation system for a building.

IPC 8 full level

E06B 7/02 (2006.01); **E06B 7/09** (2006.01); **F24F 7/013** (2006.01); **F24F 7/08** (2006.01); **F24F 13/18** (2006.01); **F24F 13/24** (2006.01)

CPC (source: EP)

E06B 7/02 (2013.01); **E06B 7/09** (2013.01); **F24F 7/013** (2013.01); **F24F 7/08** (2013.01); **F24F 13/18** (2013.01); **E06B 2007/023** (2013.01); **F24F 2013/242** (2013.01)

Citation (examination)

CN 201363067 Y 20091216 - CONGZHE HUANG [CN]

Citation (opposition)

Opponent : Erich Keller AG .

- DE 19837162 A1 19990304 - SPECK HORST [DE]
- DE 202006017606 U1 20080327 - RADEMACHER WILHELM [DE]
- DE 8417444 U1 19861204
- WO 03091632 A1 20031106 - OXYCELL HOLDING BV [NL], et al
- DE 1659222 A1 19710107 - SEKURIT GLAS UNION GMBH
- CN 201363067 Y 20091216 - CONGZHE HUANG [CN]
- DE 4143036 A1 19930701 - FEYER OTTO [DE]
- EP 1936097 A1 20080625 - PLANET GDZ AG [CH]

Cited by

CN103334683A; CN104790838A; CN105840074A; CN107120753A; DE102014006018A1; WO2023235431A1; WO2019234303A1

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

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EP 2450520 A2 20120509; EP 2450520 A3 20131106; EP 2450520 B1 20180926; CH 704075 A1 20120515; CH 704077 A2 20120515

DOCDB simple family (application)

EP 11007036 A 20110830; CH 17592011 A 20111101; CH 19522010 A 20101104