

Title (en)
Building construction and ventilation system

Title (de)
Gebäudebauelement und Belüftungssystem

Title (fr)
Composant de bâtiment et système de ventilation

Publication
EP 2431673 A3 20131211 (EN)

Application
EP 11181977 A 20110920

Priority
NL 2005371 A 20100920

Abstract (en)
[origin: EP2431673A2] Ventilation system disposed in a building construction. The intention is, on the one hand, to provide a feed of fresh air originating from outside into a room while, on the other hand, recirculation of air originating from the room must be possible in that room. For this purpose, a ventilation system is present which extends through the wall of a building construction so that air can be drawn in through it from outside. Feed of this air is regulated by a valve disposed in the duct. Furthermore, a feed opening for air originating from that room is present in this duct which extends to a heat exchanger. This air feed can also be opened and closed with the aid of a gate valve. A common operation is present in such a way that, when the opening for outside air is closed, the opening for recirculation is opened to the maximum extent, and vice versa. A manifold is present on the end of the duct which can be connected to a heat exchanger, in particular the underside thereof.

IPC 8 full level
F24D 19/06 (2006.01); **F24F 1/0063** (2019.01); **F24F 7/013** (2006.01)

CPC (source: EP US)
F24D 19/0085 (2013.01 - EP); **F24F 1/0063** (2019.01 - EP US); **F24D 2220/2054** (2013.01 - EP); **F24F 2007/0025** (2021.01 - EP); **F24F 2221/18** (2013.01 - EP); **F24F 2221/20** (2013.01 - EP)

Citation (search report)

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- [X] DE 19525945 A1 19970123 - GRIEPENTROG JOACHIM [DE]
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EP2956723A4; EP3879188A1

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

DOCDB simple family (publication)
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EP 11181977 A 20110920; NL 2005371 A 20100920