

Title (en)

Method and device for the ventilation and the temperature controlling of a room with a window

Title (de)

Verfahren und Vorrichtung zur Belüftung und Temperierung eines mit einem Fenster versehenen Raumes

Title (fr)

Procédé et dispositif de ventilation et de climatisation d'un local comprenant une fenêtre

Publication

EP 1617152 A1 20060118 (DE)

Application

EP 05013917 A 20050628

Priority

DE 102004034210 A 20040714

Abstract (en)

The process involves primary air being led over a connection (2) in a distributing channel (1') and then fed into the room through an exit cross section part (7) in the channel as added air. The primary air is divided into two volume flows, the first volume (27) enters the room through an exit cross-section part (5) in the distributing channel. The second (28) is conditioned by means of a heat exchanger (17) and led into the room through an exit part (6) facing the window. When the heat exchanger is switched off, the whole volume flow enters the room via the first exit cross section.

IPC 8 full level

F24F 1/0067 (2019.01); **F24F 1/01** (2011.01); **F24F 13/068** (2006.01)

CPC (source: EP US)

F24F 1/0067 (2019.01 - EP US); **F24F 1/01** (2013.01 - EP); **F24F 2221/20** (2013.01 - EP)

Citation (applicant)

DE 4442918 A1 19960605 - KRANTZ TKT GMBH [DE]

Citation (search report)

- [X] DE 3322075 A1 19841220 - SULZER AG [CH]
- [X] GB 1055013 A 19670111 - PIETER WILLEM ALEXANDER VAN HA
- [A] EP 1130331 A2 20010905 - KRANTZ TKT GMBH [DE]
- [DA] DE 4442918 A1 19960605 - KRANTZ TKT GMBH [DE]
- [A] DE 3719134 A1 19881215 - T O P CONSULTING INGENIEURGESE [DE]

Cited by

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Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU MC NL PL PT RO SE SI SK TR

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