

Title (en)
ARRANGEMENT AND METHOD FOR AIR MANAGEMENT OF A ROOM

Title (de)
ANORDNUNG UND VERFAHREN ZUR LUFTREGELUNG EINES RAUMES

Title (fr)
AGENCEMENT ET PROCÉDÉ POUR LA GESTION D'AIR D'UNE PIÈCE

Publication
EP 3237808 B1 20180926 (EN)

Application
EP 15816187 A 20151222

Priority
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Abstract (en)
[origin: WO2016102521A1] An arrangement (1) for air management of a room (100) comprises ventilating means (10) for enabling exchange of air between the inside environment (102) of the room (100) and the outside environment (103) of the room (100); a stand-alone air purifier (20), which is arranged separately from the ventilating means (10), and which is adapted to remove pollutants from the air in the inside environment (102) of the room (100); and a control system (30, 31, 32), which is in communication with both the ventilating means (10) and the air purifier (20), and which is adapted to control operation of the ventilating means (10) and the air purifier (20) in dependence of air quality data relating to the inside environment (102) of the room and the outside environment (103) of the room, the control system (30,31,32) being configured to control the ventilating means (10) and the air purifier (20) differently depending on whether the air quality data relating to the outside environment of the room (100) is above or below a predetermined reference. Operation of the arrangement (1) is aimed at optimizing indoor air quality and minimizing energy consumption.

IPC 8 full level
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