

Title (en)

METHOD FOR TREATING THE AIR IN A DISPLAY CABINET AND DISPLAY CABINET FOR CARRYING OUT SAID METHOD

Title (de)

VERFAHREN ZUR BEHANDLUNG DER LUFT IN EINER VITRINE UND VITRINE ZUR DURCHFÜHRUNG DES VERFAHRENS

Title (fr)

PROCEDE POUR TRAITER L'AIR PRESENT DANS UNE VITRINE ET VITRINE POUR LA MISE EN OEUVRE DUDIT PROCEDE

Publication

EP 1631772 B1 20091202 (DE)

Application

EP 04735200 A 20040528

Priority

- EP 2004005778 W 20040528
- DE 10324685 A 20030530

Abstract (en)

[origin: US2006172691A1] In a method for air treatment in a display cabinet for the storage and/or display of objects, whose walls, floor and roof structure more or less enclose the inside space of the display cabinet and in which a forced inflow of air from an air delivery system connected to the inside space (1) of the cabinet maintains a slight excess pressure compared with the air outside it, the said airflow passes through suitable dust or gas filtration means before entering the cabinet and its air humidity is adjusted and/or controlled by means of a cooling device. After filtration, the airflow passes into a container (2) holding a liquid (7), the said liquid being kept free from germs by suitable means. In this manner and in a simple way, a completely germ-free atmosphere is produced inside the display cabinet. A display cabinet for implementing the method has a corresponding structure.

IPC 8 full level

F24F 3/16 (2006.01); **A47F 3/00** (2006.01); **F25D 17/04** (2006.01)

CPC (source: EP US)

A47F 3/001 (2013.01 - EP US); **F25D 17/042** (2013.01 - EP US)

Cited by

CN110179265A

Designated contracting state (EPC)

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

DOCDB simple family (publication)

WO 2004106816 A1 20041209; AT E450760 T1 20091215; DE 10324685 A1 20041223; DE 10324685 B4 20060330; DE 502004010453 D1 20100114; DK 1631772 T3 20100201; EP 1631772 A1 20060308; EP 1631772 B1 20091202; ES 2334917 T3 20100317; JP 2007524058 A 20070823; US 2006172691 A1 20060803

DOCDB simple family (application)

EP 2004005778 W 20040528; AT 04735200 T 20040528; DE 10324685 A 20030530; DE 502004010453 T 20040528; DK 04735200 T 20040528; EP 04735200 A 20040528; ES 04735200 T 20040528; JP 2006508220 A 20040528; US 55903105 A 20051130