

Title (en)

Process and device for air treatment

Title (de)

Vorrichtung und Verfahren zur Luftaufbereitung

Title (fr)

Méthode et dispositif pour le traitement d'air

Publication

EP 0707178 B1 20010418 (DE)

Application

EP 95116004 A 19951011

Priority

CH 307594 A 19941013

Abstract (en)

[origin: EP0707178A2] The air-conditioning system has extraction ducts (2-4) for extracting the stale air from each room and feeding it to a central heating, filtering and mixing point (5) where it is mixed with fresh air, before being fed back to each room via supply ducts (6-8). The extraction ducts and/or the feed ducts include ozone generators (10) e.g. UV light sources providing UV-C light, which are regulated via respective ozone detectors (13).

IPC 1-7

F24F 3/16; **F24F 3/044**

IPC 8 full level

F24F 3/044 (2006.01); **F24F 3/16** (2021.01); **F24F 8/22** (2021.01); **F24F 8/26** (2021.01)

CPC (source: EP US)

F24F 3/044 (2013.01 - EP US); **F24F 3/16** (2013.01 - EP US); **F24F 8/22** (2021.01 - EP US); **F24F 8/26** (2021.01 - EP US); **F24F 8/40** (2021.01 - EP); **F24F 8/40** (2021.01 - US)

Cited by

FR3076601A1; WO2018133896A1; WO2014011063A1; WO2019134955A1

Designated contracting state (EPC)

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DOCDB simple family (publication)

EP 0707178 A2 19960417; **EP 0707178 A3 19970502**; **EP 0707178 B1 20010418**; AT E200706 T1 20010515; DE 59509203 D1 20010523; ES 2156176 T3 20010616; IL 115559 A0 19960119; IL 115559 A 20000229; US 5752878 A 19980519

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