

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 A3 19970502 (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)

Citation (search report)

- [DA] EP 0431648 A1 19910612 - UNION CARBIDE CHEM PLASTIC [US]
- [DA] EP 0567775 A2 19931103 - KESSLERTECH GMBH [DE]
- [A] US 4990313 A 19910205 - PACOSZ RICHARD W [US]
- [A] PATENT ABSTRACTS OF JAPAN vol. 015, no. 440 (C - 0883) 11 November 1991 (1991-11-11)
- [A] ROSS, JAMES: "Air conditioning a vaccine laboratory", HEATING, PIPING AND AIR CONDITIONING, vol. 48, no. 5, May 1976 (1976-05-01), STAMFORD US, pages 71 - 74, XP002027142

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FR3076601A1; WO2018133896A1; WO2014011063A1; WO2019134955A1

Designated contracting state (EPC)

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