

Title (en)

SMOKING ROOM WITH LAMINAR RENEWAL RATE OF AIR

Title (de)

RAUCHERRAUM MIT LAMINARER LUFTERNEUERUNG

Title (fr)

SALON FUMOIR A RENOUVELLEMENT D'AIR PAR FLUX LAMINAIRE

Publication

EP 2422142 B1 20170802 (FR)

Application

EP 10727840 A 20100423

Priority

- IB 2010001201 W 20100423
- FR 0902010 A 20090424
- FR 1000528 A 20100209

Abstract (en)

[origin: WO2010131112A1] The present invention relates to a relaxation space, particularly a smoking room, of the type comprising means of renewing the air which means are provided with supply means (8) and with suction means (20), the said renewing means consisting of holes distributed over the entire floor (13) and ceiling (9) of this space, characterized in that the holes at least in the floor (13) consist of at least two parts, namely a downstream part opening into the said relaxation space and an upstream part larger in cross section than the downstream part, opening onto the other side of the floor (13).

IPC 8 full level

F24F 7/10 (2006.01); **F24F 3/16** (2006.01); **F24F 13/068** (2006.01); **F24F 13/24** (2006.01)

CPC (source: EP KR US)

F24F 7/10 (2013.01 - EP KR US); **F24F 8/97** (2021.01 - EP KR); **F24F 9/00** (2013.01 - KR); **F24F 13/068** (2013.01 - EP KR US);
F24F 13/24 (2013.01 - EP KR US); **E04H 2001/1294** (2013.01 - KR); **F24F 8/97** (2021.01 - US); **F24F 2110/10** (2017.12 - KR);
F24F 2110/20 (2017.12 - KR)

Citation (opposition)

Opponent : Lindner AG Decken-, Boden-, Trennwandsysteme
"detailplan doppelbodenplatte 600*600 mm", GOLDBACH, 9 July 2003 (2003-07-09), XP055488178

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO SE SI SK SM TR

DOCDB simple family (publication)

FR 2944860 A1 20101029; FR 2944860 B1 20150731; AU 2010247101 A1 20111208; BR PI1006591 A2 20160412;
CA 2758979 A1 20101118; CL 2011002645 A1 20120203; CN 102460027 A 20120516; CU 20110198 A7 20120621; EA 020720 B1 20150130;
EA 201190220 A1 20130130; EG 26892 A 20141125; EP 2422142 A1 20120229; EP 2422142 B1 20170802; ES 2645708 T3 20171207;
FR 2944861 A1 20101029; IL 215783 A0 20120131; JP 2012524881 A 20121018; KR 20120020129 A 20120307; MA 33289 B1 20120502;
MX 2011011224 A 20120410; PT 2422142 T 20171114; SG 175764 A1 20111229; TN 2011000525 A1 20130524; US 2012115409 A1 20120510;
WO 2010131112 A1 20101118; ZA 201108178 B 20120725

DOCDB simple family (application)

FR 1000528 A 20100209; AU 2010247101 A 20100423; BR PI1006591 A 20100423; CA 2758979 A 20100423; CL 2011002645 A 20111024;
CN 201080025510 A 20100423; CU 20110198 A 20111024; EA 201190220 A 20100423; EG 2011101768 A 20111023;
EP 10727840 A 20100423; ES 10727840 T 20100423; FR 0902010 A 20090424; IB 2010001201 W 20100423; IL 21578311 A 20111023;
JP 2012506600 A 20100423; KR 20117027905 A 20100423; MA 34374 A 20111123; MX 2011011224 A 20100423; PT 10727840 T 20100423;
SG 2011077377 A 20100423; TN 2011000525 A 20111014; US 201013265682 A 20100423; ZA 201108178 A 20111108