

Title (en)  
PERFORATED WALL FOR REMOVING GASES OR PARTICLES

Title (de)  
PERFORIERTE WAND ZUR BESEITIGUNG VON GASEN ODER PARTIKELN

Title (fr)  
PAROI PERFORÉE POUR L'ÉLIMINATION DE GAZ OU DE PARTICULES

Publication  
**EP 3209946 A4 20180620 (EN)**

Application  
**EP 15852323 A 20151023**

Priority

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Abstract (en)  
[origin: WO2016064321A1] The invention relates to a room (1) with a wall (8) with perforations (5, 5a-b) for air suction out of the room. The perforated wall is divided into sections by section delimiters (7,11-13), typically a work table or a shelf. The perforations do, over a main portion of the perforated wall (8), cover a first percentage per unit of area of the wall surface. The perforation on at least a first of the sections, at least at the upper part of the segment covers a second percentage per unit of area of the wall surface, and/or the perforation on at least a second of the sections, at least in the lower part of the segment covers a third percentage per unit of area of the wall surface, where the second and third percentage is larger than the first percentage. The invention is able to particularly effectively remove particles or volatile vapors with a higher or lower density than air, that are emitted under or above the surfaces of the section delimiters.

IPC 8 full level  
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Citation (search report)

- [A] EP 1188994 A1 20020320 - ALFRED SCHNEIDER DR [DE]
- [A] US 5454756 A 19951003 - LUDWIG CRAIG S [US]
- [A] WO 9004744 A1 19900503 - MJ VENTILATIONSSERVICE [SE]
- See references of WO 2016064321A1

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