

Title (en)
OPERATING THEATRE CEILING DIFFUSER

Title (de)
OPERATIONSSAALDECKENDIFFUSOR

Title (fr)
DIFFUSEUR DE PLAFOND DE BLOC OPÉRATOIRE

Publication
EP 3885658 A1 20210929 (EN)

Application
EP 21164181 A 20210323

Priority
IT 202000006391 A 20200326

Abstract (en)
A diffuser (1) for mounting on the ceiling (2) comprising a structure (3) which defines at least one first return duct (5A), for air (A1) taken from a controlled environment, and a treatment compartment (7) communicating, through at least one absolute filter (8), with the controlled environment, the said structure (3) comprising at least a first blower (6A) which draws air from the first return duct (5A) and conveys it, through the treatment compartment (7) and the absolute filter (8), into the controlled environment; the structure (3) comprises a frame (10) and a counterframe (11), the frame (10) being supported by actuators (12) configured to move the frame (10) from a first position, in which the frame (10) is away from the counterframe (11) for a procedure to replace the at least one absolute filter (8), to a second position, in which the frame (10) is near the counterframe (11), the frame (10) comprising at least one seat (S) housing the said at least one absolute filter (8).

IPC 8 full level
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CPC (source: EP)
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Citation (search report)
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• [YA] EP 2023054 A1 20090211 - DAIKIN IND LTD [JP]
• [A] JP 2007225171 A 20070906 - MITSUBISHI HEAVY IND LTD
• [A] JP 2004354011 A 20041216 - SANYO ELECTRIC CO, et al
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