

Title (en)

BUILT-IN CEILING FOR AIR SUPPLY USING A SUPPORTING JET

Publication

EP 0306047 A3 19900411 (DE)

Application

EP 88114373 A 19880902

Priority

DE 8711938 U 19870903

Abstract (en)

[origin: EP0306047A2] A built-in air-supply ceiling for a sterile room is described, with an air box which is rectangular in cross-section and has in a side wall an air inlet connection piece and on the open underside a grid of narrow support elements, there being held horizontally in each grid field formed by the grid a plane perforated plate (21, 22, 23, 24, 25, 32, 34, 33, 42, 43, 44) with holes for the air supply outlet from the air box and fastened to at least one perforated plate (32) at least one nozzle (62) passing downwards through the perforated plate. In order that the sterile air flow emerging from the built-in air-supply ceiling can be practically no longer influenced by operation lights hanging freely in the room or similar obstacles, it is envisaged that a number of perforated plates (32, 33, 34, 42, 43, 44) each have at least one nozzle (62, 63, 64, 72, 73, 74), the nozzles as a whole being arranged along an ellipse and directed downwards. <IMAGE>

IPC 1-7

F24F 13/068

IPC 8 full level

A61G 13/00 (2006.01); **E04B 9/02** (2006.01); **F24F 13/068** (2006.01)

CPC (source: EP)

A61G 13/108 (2013.01); **E04B 9/02** (2013.01); **F24F 13/068** (2013.01)

Citation (search report)

- [AD] DE 2457984 A1 19760616 - BRANDI INGENIEURE GMBH
- [A] FR 1469824 A 19670217
- [A] DE 3331299 A1 19850314 - HOELTER HEINZ [DE]
- [A] DE 1454546 A1 19690123 - BURSELL CLAES GOERAN BIRGER
- [AD] DE 2615904 C3 19850605
- [A] DE 2260380 A1 19740612 - BRANDI INGENIEURE GMBH

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