

Title (en)

BUILT-IN CEILING FOR AIR SUPPLY USING A SUPPORTING JET

Publication

**EP 0306047 B1 19920102 (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)

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