

Title (en)

FALSE FLOOR FOR EXTRACTING AIR OUT OF A ROOM

Publication

**EP 0315943 A3 19910327 (DE)**

Application

**EP 88118566 A 19881108**

Priority

DE 3738444 A 19871112

Abstract (en)

[origin: EP0315943A2] A false floor for extracting air out of a room, in particular a clean room, which is connected to the supply-air system of a ventilation and/or air conditioning unit. In the false floor, the upper floor level is formed of perforated and/or slotted panels resting on supporting members and possessing, on their underside, a stiffening system formed of stiffening webs, profiles or the like. To achieve a uniform distribution of the extracted air over the entire cross-sectional area of the room while keeping the pressure losses low, coverings are assigned to the regions of the stiffening system facing away from the perforated and/or slotted panel, said coverings delimiting or forming nozzle openings which project beyond the lower level of the stiffening system at least in the region of the stiffening web edges or stiffening profile edges. In this case, all of the nozzle openings are provided with the same opening direction.

IPC 1-7

**E04F 15/02**

IPC 8 full level

**E04B 9/02** (2006.01); **E04F 15/02** (2006.01); **E04F 15/024** (2006.01); **F24F 7/10** (2006.01); **F24F 13/068** (2006.01)

CPC (source: EP US)

**E04B 9/02** (2013.01 - EP US); **E04F 15/02** (2013.01 - EP US); **E04F 15/02405** (2013.01 - EP US); **F24F 7/10** (2013.01 - EP US); **F24F 13/068** (2013.01 - EP US)

Citation (search report)

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- [A] AT 231660 B 19640210 - SIEMENS AG
- [A] US 2292665 A 19420811 - SCHNEIBLE CLAUDE B
- [A] PATENT ABSTRACTS OF JAPAN Band 9, Nr. 213 (M-408)(1936), 30. August 1985; & JP - A - 60071831 (HITACHI PLANT DENSETSU K.K.) 23.04.1985

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DOCDB simple family (application)

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