

Title (en)

AIR-TIGHT WALL JOINT FOR THE SECTIONAL FALSE FLOORS OF CLEAN-ROOMS OR THE LIKE

Publication

**EP 0300291 A3 19890628 (DE)**

Application

**EP 88110927 A 19880708**

Priority

DE 3723907 A 19870718

Abstract (en)

[origin: US5016408A] In order to simplify the production of sealed wall connections in the case of raised floors, especially to allow the disassembly of the floor tiles (11) even in the area of the connected wall (10), the wall (10) carries on its bottom edge (20) one or more socket profile rails (21). The socket profile rails (21) are supported on upright support members (31) provided at least on posts (12). However, it is also possible to support the socket profile rails (21) on profiles in the form of rectangular pipes which are laid out in the grating on the posts (12). The bottom (24) of the socket profile rail (21) extends from the middle in opposite directions obliquely outwardly and upwardly. The seal between the connected wall (10) and the adjacent floor tiles (11) can be formed by elastically flexible gaskets (25) in the form of strips on both sides of the wall (10) or else the longitudinal edges of the socket profile rails are configured to be elastically flexible and engage on the contiguous floor tiles (11) flexibly and with formation of a seal.

IPC 1-7

**E04F 15/024**; **E04B 2/82**

IPC 8 full level

**E04B 2/82** (2006.01); **E04F 15/024** (2006.01)

CPC (source: EP US)

**E04B 2/825** (2013.01 - EP US); **E04F 15/02458** (2013.01 - EP US)

Citation (search report)

- [Y] US 3396501 A 19680813 - TATE DONALD L
- [Y] US 4621470 A 19861111 - BALINSKI HENRY A [US]
- [A] US 3640036 A 19720208 - NAKAZAWA YOSHIO, et al
- [A] GB 2085503 A 19820428 - DONN INC
- [A] DE 3543474 A1 19870611 - GRUENZWEIG & HARTMANN MONTAGE [DE]
- [A] DE 2340909 A1 19750528 - FISCHER HANS JUERGEN B

Designated contracting state (EPC)

AT BE CH DE ES FR GB IT LI NL SE

DOCDB simple family (publication)

**US 5016408 A 19910521**; AT E62968 T1 19910515; CA 1306092 C 19920811; DE 3723907 C1 19881201; DE 3862537 D1 19910529; DK 164604 B 19920720; DK 164604 C 19921214; DK 374788 A 19890119; DK 374788 D0 19880706; EP 0300291 A2 19890125; EP 0300291 A3 19890628; EP 0300291 B1 19910424; ES 2022543 B3 19911201

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**US 21890088 A 19880714**; AT 88110927 T 19880708; CA 572343 A 19880718; DE 3723907 A 19870718; DE 3862537 T 19880708; DK 374788 A 19880706; EP 88110927 A 19880708; ES 88110927 T 19880708