

Title (en)
Grid-panel ceiling.

Title (de)
Rasterdecke.

Title (fr)
Faux-plafond à résilles.

Publication
EP 0049431 A2 19820414 (DE)

Application
EP 81107635 A 19810925

Priority
DE 3038019 A 19801008

Abstract (en)
1. A screen wall with panels (2) which are U-shaped in cross-section and have shanks (4, 5) projecting upwards from a lower web (3) with shank parts (6, 7) which are bent out at an angle at the upper ends of the shanks, and with at least one suspension device (1, 41) which has a suspension rod (11) provided with a thread and bearing two connecting elements (13, 14 or 13, 42) which are disposed one above the other and clamp the bent-out shank parts of the panel between them, characterized in that the two connecting elements (13, 14 or 13, 42) are wedge-shaped elements which fit one into the other, between the wedge-shaped surfaces (19, 20 or 21, 22) of which the correspondingly wedge-shaped shank parts (6, 7) which are bent out towards each other on the panels (2, 31, 32, 33) are clamped.

Abstract (de)
Die Aufhängevorrichtung für Rasterdecken mit U-förmigen Lamellen (2) zeichnet sich dadurch aus, daß sie an einer Aufhängestange (11) übereinander angeordnete Kupplungselemente (13,14) mit keilförmig ineinander passenden Kupplungsflächen (19 bis 22) aufweist, zwischen denen entsprechend keilförmig zueinander abgewinkelte obere Schenkelteile (6,7) der Lamellen (2) einspannbar sind.

IPC 1-7
E04B 5/62; **E04B 5/55**; **E04B 5/57**

IPC 8 full level
E04B 9/18 (2006.01); **E04B 9/34** (2006.01)

CPC (source: EP)
E04B 9/183 (2013.01); **E04B 9/34** (2013.01)

Cited by
US2015233116A1; CN106149952A; ES2137832A1; CN106149949A; US10227776B2; AU2017201099B2; US2019203466A1; WO9958189A1; WO9629484A1; US10900230B2; US11408172B2

Designated contracting state (EPC)
AT BE CH GB LI NL

DOCDB simple family (publication)
EP 0049431 A2 19820414; **EP 0049431 A3 19820630**; **EP 0049431 B1 19840606**; AT E7806 T1 19840615; DE 3038019 A1 19820422; DE 3038019 C2 19840315

DOCDB simple family (application)
EP 81107635 A 19810925; AT 81107635 T 19810925; DE 3038019 A 19801008