

Title (en)

Suspended ceiling structure.

Title (de)

Abgehängte Deckenkonstruktion.

Title (fr)

Structure de plafond suspendu.

Publication

**EP 0306463 A1 19890308 (EN)**

Application

**EP 88850278 A 19880824**

Priority

SE 8703444 A 19870904

Abstract (en)

The invention relates to a suspended ceiling structure including elongate carrying elements suspended so that their longitudinal directions are mutually parallel, and flat ceiling panels carried by the elements. Two elements (1, 2) are arranged at different heights and carry between them a sloping ceiling panel (23). The higher element (1) is extended (11) on its side facing towards the ceiling panel (23) to form a downwardly curved, concave (as seen from below) ceiling surface (19), on to the back of the lower portion of which the ceiling panel (23) joins, so that a substantially uniform junction between element and panel is obtained. The lower element (3), on its side facing towards the ceiling panel (23), is correspondingly extended (13) to form an upwardly curved, convex (as seen from below) ceiling surface (21), on to the back of the upper portion of which the ceiling panel (23) joins, so that a substantially smooth junction between element and panel is obtained. The lower element (3) has, at the back of its upper part, retaining means (33) for receiving and retaining the lower edge of the ceiling panel (23) at the upper edge of the element.

IPC 1-7

**E04B 5/55**

IPC 8 full level

**E04B 9/00** (2006.01); **E04B 9/06** (2006.01)

CPC (source: EP)

**E04B 9/00** (2013.01); **E04B 9/064** (2013.01); **E04B 9/183** (2013.01); **E04B 9/205** (2013.01)

Citation (search report)

- [AP] DE 8709026 U1 19870903
- [A] BE 684541 A 19670113
- [A] LE BATIMENT BATIR, vol. 9, no. 12, December 1983, page 49, Paris, FR; "Plafond suspendu à ossature apparente, courbe ou plan"

Cited by

GB2267917A; EP0555193A1; US5482240A; FR2694321A1; CN113463820A; US5165209A; DE102017110811A1; US2019085559A1; US10640975B2; USD854405S; USD893994S; USD973478S; USD1006608S; USD869944S; US11274441B2; USD1002876S; US12006684B2

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