

Title (en)

Structural element for application of plaster suspended ceilings on floors

Title (de)

Strukturelement zum Anbringen von abgehängten Gipsunterdecken an Decken

Title (fr)

Élément structurel permettant l'installation de plafonds suspendus en plâtre sous une dalle de plancher

Publication

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Application

EP 01830105 A 20010216

Priority

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Abstract (en)

A structural element such as a floor beam reinforced to girder or pre-stressed concrete and the like, for making floors, roofs, comprising a casting (6) in concrete with a lower flat face in which a layer is integrated (5,8) that can be perforated by screws (10) capable of making easier the fastening and of supporting the weight of plaster suspended ceilings (9). The layer that can be perforated by screws is formed by a sheet section (5) in which a layer is present of light material (8) that is set between the concrete and the sheet section, directly contacting the concrete casting (6). The light material (8) is chosen among foam polystyrene, cellular polyurethane, wood, etc. In use, self tapping screws (10) cross in turn the plaster board (9), the lower face of the sheet section (5) and penetrate all the layer of the light material (8) without forcing, if not at the end of the movement, against the concrete (6). This way a plaster suspended ceiling (9) fastened to the floor lower surface is created directly connected to the concrete beams (1) of the floor (2). <IMAGE>

IPC 1-7

E04C 5/065; **E04B 1/41**; **E04B 9/18**

IPC 8 full level

E04B 1/41 (2006.01); **E04B 9/18** (2006.01); **E04C 3/29** (2006.01); **E04C 5/065** (2006.01)

CPC (source: EP)

E04B 1/4171 (2013.01); **E04B 9/18** (2013.01); **E04C 3/29** (2013.01); **E04C 5/0656** (2013.01)

Citation (search report)

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