

Title (en)

Products for the fabrication of floors with lightening box elements and floors made with these products.

Title (de)

Produkte zum Deckenbau unter Einschluss von Hohlkästen zur Gewichtserleichterung und Decken, welche mit solchen Produkten hergestellt werden.

Title (fr)

Produits pour la réalisation de planchers comprenant des éléments de caissons d'allégement et planchers réalisés grâce à de tels produits.

Publication

EP 0617180 A2 19940928 (EN)

Application

EP 94104407 A 19940321

Priority

IT BO930122 A 19930326

Abstract (en)

Box elements (4-104-204) made from extruded cellular sheets of polypropylene and/or other suitable waterproof plastic materials, filled if necessary, are disposed in the space between the metal lattices (3) projecting from the reinforced concrete slab (1-2) of a floor, and are fixed over the whole length of this space, with or without interruptions, and act as lightening elements. The box elements are downwardly open, are provided with transverse closing and stiffening walls (8) fixed by mortising and/or other suitable means and suitably distributed over the whole length of the said elements, which are preferably also provided with small lateral openings (7-10) which prevent the entry of the floor finishing casting but which allow the water to flow freely, so that after the setting of the said casting the floor no longer releases liquid components. <IMAGE>

IPC 1-7

E04B 5/38

IPC 8 full level

E04B 5/38 (2006.01); **E04B 5/48** (2006.01)

CPC (source: EP)

E04B 5/326 (2013.01); **E04B 5/38** (2013.01); **E04B 5/48** (2013.01)

Cited by

CN100356013C; FR2786514A1; CN102003026A; ES2299283A1; CN101586373A; CN100455753C; CN100365226C; EP1614823A3; CN100427692C; NL1019711C2; CN100455744C; CN104005559A; CN100370096C; FR2916215A1; WO2020051633A1; WO03029573A1; WO9964693A1; WO02101168A1

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