

Title (en)

SELF-SUPPORTING CONSTRUCTION ELEMENT MADE OF EXPANDED PLASTIC MATERIAL, IN PARTICULAR FOR MANUFACTURING BUILDING FLOORS AND FLOOR STRUCTURE INCORPORATING SUCH ELEMENT

Title (de)

SELBSTTRAGENDES KONSTRUKTIONSELEMENT AUS EXPANDIERTEM KUNSTSTOFFMATERIAL, INSBESONDERE ZUR HERSTELLUNG VON GEBÄUDEBÖDEN UND SOLCH EIN ELEMENT ENTHALTENDE FUSSBODENSTRUKTUR

Title (fr)

ELEMENT DE CONSTRUCTION AUTOPORTANT A BASE DE MATERIAU EN PLASTIQUE EXPANSE, CONÇU EN PARTICULIER POUR LA FABRICATION DE PLANCHERS DE BATIMENTS ET STRUCTURE DE PLANCHER COMPRENANT UN TEL ELEMENT

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Application

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Abstract (en)

[origin: WO2005121467A3] A self-supporting construction element (1) is described, comprising: a) an elongated body (2) made of expanded plastic material, substantially parallelepipedic and provided with respectively lower (8) and upper (9) opposite faces; b) at least one reinforcing section bar (12, 13) transversely extending in the body (2) between the faces (8, 9); wherein the elongated body (2) made of expanded plastic material is provided with at least one recess (14, 27) open at an upper side for housing a concrete casting (15) and wherein the reinforcing section bar (12, 13) extends at least in part in the aforementioned at least one recess (14, 27). Advantageously, the construction element (1) exhibits both optimum self-supporting characteristics and a good fire resistance in case of fire.

IPC 8 full level

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