

Title (en)  
Modular construction elements

Title (de)  
Modulare Konstruktionselemente

Title (fr)  
Éléments de construction modulaire

Publication  
**EP 2543788 B1 20160914 (FR)**

Application  
**EP 12175206 A 20120705**

Priority  
FR 1156128 A 20110706

Abstract (en)  
[origin: EP2543788A1] The component has a rigid front wall (12) and a rigid rear wall (14) that are maintained at a distance from each other. A cavity (24) is allowed to extend between the two walls, and an insulating material of plant origin i.e. cereal straw, is housed inside the cavity. The rigid front wall and the rigid rear wall are made of composite materials made of a mixture of aggregates and plant-based binder compounds derived from living organisms. The binder compounds include organic acid, acetic acid, or hydraulic lime.

IPC 8 full level  
**E04C 2/16** (2006.01); **E04C 2/296** (2006.01)

CPC (source: EP)  
**E04C 2/16** (2013.01); **E04C 2/296** (2013.01)

Cited by  
IT202100003971A1; FR3137930A1; FR3107067A1; US11643806B2; WO2024013251A1

Designated contracting state (EPC)  
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)  
**EP 2543788 A1 20130109; EP 2543788 B1 20160914**; ES 2607283 T3 20170329; FR 2977605 A1 20130111; FR 2977605 B1 20130802

DOCDB simple family (application)  
**EP 12175206 A 20120705**; ES 12175206 T 20120705; FR 1156128 A 20110706