

Title (en)
MODULAR CONSTRUCTION ELEMENT MADE OF CARTON

Title (de)
MODULARES KONSTRUKTIONSELEMENT AUS KARTON

Title (fr)
MODULE DE CONSTRUCTION A BASE DE CARTON

Publication
EP 2488707 B1 20140924 (FR)

Application
EP 10782000 A 20101011

Priority
• FR 0957131 A 20091012
• IB 2010002581 W 20101011

Abstract (en)
[origin: WO2011045649A1] The invention relates to an insulating, self-supporting, cardboard construction module (10), in particular for building construction, characterised in that said module comprises a central core (1) defining at least the height, the width and the cross-section of said module, said central core comprising a plurality of layers of corrugated and/or cellular cardboard, at least one sealing film (2) arranged around said central core such as to cover all the surfaces thereof, at least two support and protection panels (3) arranged on either side of said central core such as to cover at least two of the surfaces thereof, respectively the inner and outer surfaces, and at least two frames (4) vertically adjacent to said protection panels, forming a load take-up framework and defining a free inner space (5) for technical elements to pass therethrough, said frames being attached to one another by means of attachment members which pass right through said protection panels and said central core.

IPC 8 full level
E04C 2/34 (2006.01)

CPC (source: EP)
E04C 2/16 (2013.01); **E04C 2/3405** (2013.01); **E04C 2002/3466** (2013.01); **E04C 2002/3472** (2013.01)

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)
FR 2951205 A1 20110415; FR 2951205 B1 20111111; EP 2488707 A1 20120822; EP 2488707 B1 20140924; ES 2525745 T3 20141229; WO 2011045649 A1 20110421

DOCDB simple family (application)
FR 0957131 A 20091012; EP 10782000 A 20101011; ES 10782000 T 20101011; IB 2010002581 W 20101011