

Title (en)

INTERLOCKING BUILDING BLOCK FORMED FROM AN ASSEMBLY OF SECTIONS MADE OF SOLID MATERIAL THAT ARE JOINED TOGETHER AND ENCAPSULATED IN AN OVERMOULDED PLASTIC

Title (de)

INEINANDERGREIFENDER BAUSTEIN AUS EINER ANORDNUNG VON ABSCHNITTEN AUS ZUSAMMENGEFÜGTEN UND IN EINEM UMSPRITZTEN KUNSTSTOFF VERKAPSELTEN FESTSTOFFEN

Title (fr)

BLOC DE CONSTRUCTION ENCASTRABLE, FORMÉ D'UN ENSEMBLE DE TRONÇONS DE MATIÈRE SOLIDE RÉUNIS ET ENROBÉS PAR DE LA MATIÈRE PLASTIQUE SURMOULÉE

Publication

EP 2633133 B1 20141210 (FR)

Application

EP 11781649 A 20111025

Priority

- FR 1004213 A 20101027
- IB 2011054752 W 20111025

Abstract (en)

[origin: WO2012056394A1] The blocks (1) are manufactured from calibrated sections of solid material, all having for example the same length. These sections are positioned against one another so as to form a block (1). Some sections are upwardly offset so as to produce mortises and tenons that form projecting structures (16) for interlocking on at least one of the contact faces (6) of the blocks and one or more complementary receiving cavities (17) provided on the opposed contact faces (6) thereof, which constitute means for positioning and assembling the final block. The assembly of sections is placed in an injection mould and overmoulded with a layer of plastic. This overmoulding operation gives the block cohesion and an external shape with precise dimensions. The invention is of interest to manufacturers, vendors, installers and users of construction components for the building industry.

IPC 8 full level

E04C 1/40 (2006.01)

CPC (source: EP)

E04C 1/40 (2013.01)

Cited by

US9551147B2

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)

WO 2012056394 A1 20120503; EP 2633133 A1 20130904; EP 2633133 B1 20141210; ES 2532109 T3 20150324; FR 2966852 A1 20120504; FR 2966852 B1 20121214

DOCDB simple family (application)

IB 2011054752 W 20111025; EP 11781649 A 20111025; ES 11781649 T 20111025; FR 1004213 A 20101027