

Title (en)

CONSTRUCTION BLOC FROM EXPANDING FOAM AND SAND WITH INSULATION

Title (de)

KONSTRUKTIONSBLOCK AUS EXPANDIERTEM SCHAUM UND SAND MIT DÄMMUNG

Title (fr)

BLOC DE CONSTRUCTION DE MOUSSE EXPANSIVE ET DE SABLE AVEC ISOLATION

Publication

EP 3728753 B1 20240529 (FR)

Application

EP 18842785 A 20181220

Priority

- FR 1762649 A 20171220
- FR 2018053432 W 20181220

Abstract (en)

[origin: WO2019122730A1] The invention relates to a substantially parallelepipedal construction block (20) which comprises an upper face (25) which is at least suitable for being associated with the lower face(s) of one or two other similar construction block(s), a lower face which is at least suitable for being associated with the upper face(s) of one or two similar construction block(s) (20), at least two vertical openings (22), the construction block (20) comprising a front face (24), a rear face (23) and two lateral faces with a recess (21) which allows two beads (28) to appear at the sides of the two lateral faces, the construction block (20) being constituted by expanding foam and sand, and an insulation portion (29) being situated between the rear face (23) and the front face (24), the insulation portion (29) extending over the width of the construction block (20) and being substantially parallelepipedal, and the height and the length thereof being identical to the construction block (20).

IPC 8 full level

E04B 2/18 (2006.01); **E04B 2/42** (2006.01); **E04C 1/40** (2006.01); **E04C 1/41** (2006.01)

CPC (source: EP US)

E04B 2/18 (2013.01 - EP US); **E04B 2/42** (2013.01 - EP); **E04C 1/40** (2013.01 - EP); **E04C 1/41** (2013.01 - EP US); **E04B 2/42** (2013.01 - US); **E04B 2002/0206** (2013.01 - US); **E04B 2002/0226** (2013.01 - US)

Citation (examination)

- EP 0166249 A2 19860102 - INTERBLOCK PARTNERS LTD [US]
- US 5457926 A 19951017 - JENSEN DANIEL M [US]

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 3075234 A1 20190621; **FR 3075234 B1 20200117**; CN 111684138 A 20200918; EP 3728753 A1 20201028; EP 3728753 B1 20240529; US 11208802 B2 20211228; US 2020385984 A1 20201210; WO 2019122730 A1 20190627

DOCDB simple family (application)

FR 1762649 A 20171220; CN 201880082313 A 20181220; EP 18842785 A 20181220; FR 2018053432 W 20181220; US 201816955633 A 20181220