

Title (en)

Building block for use in constructing a building

Title (de)

Baublock für die Verwendung zum Bau eines Gebäudes

Title (fr)

Bloc de construction destiné à être utilisé dans la construction d'un bâtiment

Publication

EP 2765252 A1 20140813 (EN)

Application

EP 13162750 A 20130408

Priority

US 201313763810 A 20130211

Abstract (en)

The invention is related to a building block for use in interlocking with a plurality of similar building blocks for constructing a building. The building block includes a front face, a rear face, an upper face, a lower face, a first end and a second end. The building block also includes at least one substantially vertical hollow (web) and at least one substantially horizontal channel, wherein the at least one horizontal channel is disposed along one of the upper face and the lower face. In addition, each of the first end and the second end includes at least one header face, wherein at least one the header face can be one of a substantially planar face, a male header face and a female header face. Each of the male header face and the female header face includes one or more patterns for interlocking.

IPC 8 full level

E04B 2/18 (2006.01); **E04B 2/20** (2006.01)

CPC (source: EP US)

E04B 2/18 (2013.01 - EP US); **E04B 2/20** (2013.01 - EP US); **E04C 1/397** (2013.01 - US); **E04C 1/40** (2013.01 - US);
E04B 2002/0206 (2013.01 - EP US); **E04B 2002/023** (2013.01 - EP US)

Citation (search report)

- [XY] FR 905734 A 19451212
- [Y] DE 2150874 A1 19730419 - ERGENZINGER WALTER
- [YA] FR 2004632 A7 19691128 - JOOS MARIE
- [Y] WO 9411587 A1 19940526 - SIRPROGETTI SRL [IT], et al
- [Y] WO 9901625 A1 19990114 - HARTKAMP TEUNIS JÄN [NL]
- [Y] DE 102011005187 A1 20120913 - POLYCARE RES TECHNOLOGY GMBH & CO KG [DE]
- [A] US 2011277414 A1 20111117 - HUANG CHIEN-HUA [TW]

Cited by

CN106401049A; CN111485662A; CN106437005A; CN106193425A; CN104989029A; CN106121125A

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

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

EP 2765252 A1 20140813; US 2014223848 A1 20140814

DOCDB simple family (application)

EP 13162750 A 20130408; US 201313763810 A 20130211