

Title (en)

Wall building system and method for building said wall system

Title (de)

Wandkonstruktionssystem und Verfahren zur Herstellung des Wandsystems

Title (fr)

Système et procédé de fabrication de paroi

Publication

**EP 2990558 B1 20180221 (EN)**

Application

**EP 14182688 A 20140828**

Priority

EP 14182688 A 20140828

Abstract (en)

[origin: EP2990558A1] A wall building system and method uses a block for building walls and other structures. The block is formed with an external face member and an internal face member connected by an inner core, which has an outer surface formed with a concave profile. The block is fabricated in one piece to enhance strength and stability. Each face is provided with a continuous groove therearound. The continuous grooves are adapted to receive locking elements therein to interlock the blocks. Utilizing a locking element eliminates the need for binding compounds, such as mortar, thereby greatly reducing labor and material costs.

IPC 8 full level

**E04B 2/08** (2006.01); **E04B 2/42** (2006.01); **E04B 2/54** (2006.01); **E04C 1/39** (2006.01)

CPC (source: EP)

**E04B 2/28** (2013.01); **E04B 2/36** (2013.01); **E04C 1/397** (2013.01); **E04B 2002/0265** (2013.01)

Citation (examination)

US 5921046 A 19990713 - HAMMOND JR WARREN SCOTT [US]

Cited by

CN114687470A; 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

DOCDB simple family (publication)

**EP 2990558 A1 20160302; EP 2990558 B1 20180221**

DOCDB simple family (application)

**EP 14182688 A 20140828**