

Title (en)  
System of self supporting masonry walls and building procedure

Title (de)  
System aus selbsttragenden Mauerwerkswänden und Bauverfahren

Title (fr)  
Système de murs de maçonnerie autoportants et procédure de construction

Publication  
**EP 2397619 A1 20111221 (EN)**

Application  
**EP 11170144 A 20110616**

Previously filed application  
201030933 20100616 ES

Priority  
ES 201030933 A 20100616

Abstract (en)  
System (1) of self-supporting masonry walls and procedure for their construction. The system (1) comprises an assembly of interlocking masonry pieces (2) with inward cuts (3), outward protuberances (4) and grooves (5) on the top edges and on the upper and lower faces, and reinforcing bars (7) placed on the plane of the masonry pieces (2) of some of the courses. The reinforcing bars (7) are placed on grooves (5) bored longitudinally in the plane of the masonry pieces (2), and the masonry pieces (2) comprise some recesses (6) placed on the upper face following a predetermined sequence, coinciding with the sequence of the positions of some respective parts of reinforcing bars (7) that are lodged in said recesses (6). There are joining means placed on reinforcing bars (7) in recesses (6) of the upper face of masonry pieces (2) to immobilize the reinforcing bars (7) in a longitudinal direction.

IPC 8 full level  
**E04C 1/39** (2006.01); **E04B 2/20** (2006.01); **E04B 2/48** (2006.01)

CPC (source: EP ES)  
**E04B 2/20** (2013.01 - EP ES); **E04B 2/48** (2013.01 - EP ES); **E04B 2002/0206** (2013.01 - EP); **E04B 2002/0247** (2013.01 - EP); **E04B 2002/0254** (2013.01 - EP)

Citation (applicant)  
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Citation (search report)

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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 2397619 A1 20111221**; ES 2385010 A1 20120730; ES 2385010 B1 20130612

DOCDB simple family (application)  
**EP 11170144 A 20110616**; ES 201030933 A 20100616