

Title (en)

BUILDING BLOCK, BUILDING STRUCTURE AND THE METHOD OF BRICKING WALL USING THE SAME

Title (de)

GEBÄUDEBLOCK, GEBÄUDESTRUKTUR UND VERFAHREN ZUM AUFBAU EINER BACKSTEINMAUER DAMIT

Title (fr)

BLOC DE CONSTRUCTION, STRUCTURE DE CONSTRUCTION, ET MÉTHODE D'ÉDIFICATION D'UN MUR L'UTILISANT

Publication

EP 2092133 A4 20100825 (EN)

Application

EP 08741020 A 20080328

Priority

- KR 2008001763 W 20080328
- KR 20070128631 A 20071212
- KR 20080028845 A 20080328

Abstract (en)

[origin: WO2009075412A1] The present invention relates to a building block serving as a mold when carrying out civil engineering and construction works and forming an external appearance of a structure, a building structure and a method of bricking a wall using the same. The building block comprises first and second exterior walls facing each other and spacing from each other in back and forth directions, and a connecting portion connecting the first and second exterior walls to each other and having an upper portion provided with a first mounting groove for mounting a width-directional reinforcing bar. Here, concavo-convex coupling portions are formed at inner peripheries of the first and second exterior walls, for concavo-convexly coupling to each adjacent block, and here, leakage preventing recesses are respectively formed at outer peripheries of the first and second exterior walls.

IPC 8 full level

E04B 2/54 (2006.01); **E04B 2/86** (2006.01); **E04C 1/40** (2006.01)

CPC (source: EP)

E04B 2/54 (2013.01); **E04B 2/8629** (2013.01); **E04B 2/8635** (2013.01); **E04B 2002/0206** (2013.01); **E04B 2002/0293** (2013.01); **E04B 2002/867** (2013.01)

Citation (search report)

- [XAYI] FR 2788071 A1 20000707 - LIU XIN [FR]
- [XI] GB 2400617 A 20041020 - ICF TECHNOLOGIES LTD [GB]
- [XI] US 4706429 A 19871117 - YOUNG DAVID A [US]
- [XPI] WO 2007143820 A1 20071221 - ENCON ENVIRONMENTAL CONSTRUCTI [CA], et al
- [Y] US 4856249 A 19890815 - NICKERSON DAVID L [US]
- [Y] US 4574550 A 19860311 - MASCHHOFF JACK
- [Y] US 5735090 A 19980407 - PAPKE WILLIAM [US]
- [A] DE 29606867 U1 19960725 - REUSING DIETER [DE]
- See references of WO 2009075412A1

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MT NL NO PL PT RO SE SI SK TR

DOCDB simple family (publication)

WO 2009075412 A1 20090618; EP 2092133 A1 20090826; EP 2092133 A4 20100825; EP 2092133 B1 20121107

DOCDB simple family (application)

KR 2008001763 W 20080328; EP 08741020 A 20080328