

Title (en)
WATER STOP STRUCTURE

Title (de)
WASSERSTOPPSTRUKTUR

Title (fr)
STRUCTURE D'ARRÊT D'EAU

Publication
EP 3037598 A1 20160629 (EN)

Application
EP 14837147 A 20140812

Priority
• JP 2013173176 A 20130823
• JP 2014071327 W 20140812

Abstract (en)
A top surface 13a of a block 10 has a first groove 16 extending along a length direction, so that a certain space is formed at a horizontal joint J1 when a masonry is configured with a plurality of blocks 10 laid continuously. This configuration weakens suction or penetration of water by capillarity at the first groove 16 and, thereby preventing or minimizing intrusion of water into the inside of the first groove 16 even when water such as rainwater intrudes by capillarity at the horizontal joint J1.

IPC 8 full level
E04B 2/86 (2006.01); **E04B 1/64** (2006.01); **E04B 2/02** (2006.01); **E04B 2/48** (2006.01); **E04B 2/52** (2006.01)

CPC (source: EP)
E04B 2/48 (2013.01); **E04B 2/52** (2013.01); **E04B 2002/0206** (2013.01); **E04B 2002/0208** (2013.01)

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 3037598 A1 20160629; EP 3037598 A4 20160817; CN 105473797 A 20160406; JP 2015040450 A 20150302; JP 6279251 B2 20180214; WO 2015025780 A1 20150226

DOCDB simple family (application)
EP 14837147 A 20140812; CN 201480046576 A 20140812; JP 2013173176 A 20130823; JP 2014071327 W 20140812