

Title (en)
ANTISEISMIC MASONRY INFILL

Title (de)
ERDBEBENSICHERE FÜLLWAND

Title (fr)
MAÇONNERIE ANTISISMIQUE

Publication
EP 3040497 A1 20160706 (EN)

Application
EP 15203213 A 20151230

Priority
• IT MI20142284 A 20141230
• IT UB20151365 A 20150527

Abstract (en)
An earthquake-proof masonry infill wall is described which comprises a series of superimposed masonry strips (7). Each masonry strip (7) comprises a plurality of blocks, that is masonry elements (8), arranged adjacent and horizontally such to occupy a space between two columns (3) of the framed structure (2). A sliding element (10) interposed between two adjacent masonry strips (7) has opposing section bar elements (11) that allow a masonry strip to slide in a guided manner with respect to another masonry strip in case of a movement of the infill wall.

IPC 8 full level
E04H 9/02 (2006.01); **E04B 2/02** (2006.01); **E04C 2/04** (2006.01)

CPC (source: EP US)
E04H 9/02 (2013.01 - EP US); **E04B 2002/0282** (2013.01 - EP)

Citation (applicant)
JP H02164984 A 19900625 - FUJITA CORP

Citation (search report)
• [A] CN 102268900 A 20111207
• [A] EP 2017393 A1 20090121 - NUNEZ VARGAS MARIANO [MX]
• [A] EP 1043454 A2 20001011 - CALENBERG INGENIEURE PLANMAESS [DE]
• [A] JP 2004218217 A 20040805 - OHBAYASHI CORP
• [A] EP 2537992 A1 20121226 - BEKAERT SA NV [BE]

Cited by
EP3363968A1; CN111980211A; CN113668930A; CN111411698A; CN108517984A; CN110409702A; CN108412094A; CN107386491A; CN107905607A; CN114417482A; CN111680349A; IT202200026043A1; EP3420160B1

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)
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