Title (en)
KIT FOR CONSTRUCTING DRY-MOUNTED WALLS

Title (de)
BAUSATZ FÜR TROCKENMONTIERTE WÄNDE

Title (fr)
KIT DE CONSTRUCTION POUR MURS MONTÉS À SEC

Publication
EP 3717088 B1 20210224 (EN)

Application
EP 18807133 A 20181030

Priority
- IT 201700137660 A 20171130
- IT 2018050213 W 20181030

Abstract (en)
[origin: WO2019106700A1] The novelty and the inventive step of this process for constructing walls start from the overpassing of the concept of self-supporting wall as a solid and compact structure. We create a "moving wall", a wall that"must" be able to move, so hindering earthquakes and major thrusts. We get this through the elimination of binders and locking joints, the positioning of the elements using the diamond configurations and the creation of grooves and pins which, when in place, never block the elements but, in case of thrusts, leave them free to move aligned with the axes of the wall, along a system of transversal planes created by the surrounding elements in diamond configuration, like cars on their rails, allowing the gravity to reposition each element at the center of the wedge created by the underlying elements at the end of the shakes.

IPC 8 full level
E04B 2/08 (2006.01); E04H 9/02 (2006.01); A63H 33/08 (2006.01); E04B 2/02 (2006.01); E04B 2/12 (2006.01)

CPC (source: EP US)
A63H 33/08 (2013.01 - EP US); E04B 2/08 (2013.01 - EP US); E04B 2/12 (2013.01 - US); E04H 9/021 (2013.01 - EP US);
E04B 2/12 (2013.01 - EP); E04B 2002/0206 (2013.01 - EP US); E04B 2002/0217 (2013.01 - EP US)

Cited by
WO2022259275A1

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)
WO 2019106700 A1 20190606; **WO 2019106700 A9 20190725**; AU 2018377157 A1 20200709; AU 2018377157 B2 20210401;
CA 3083446 A1 20190606; CA 3083446 C 20220816; CN 111405932 A 20200710; CN 111405932 B 20220111; DK 3717088 T3 20210531;
EA 039369 B1 20220119; EA 202091294 A1 20201222; EP 3717088 A1 20201007; EP 3717088 B1 20210224; ES 2888549 T3 20220105;
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IT 2018050213 W 20181030; AU 2018377157 A 20181030; CA 3083446 A 20181030; CN 201880076878 A 20181030; DK 18807133 T 20181030;
EA 202091294 A 20181030; EP 18807133 A 20181030; ES 18807133 T 20181030; NZ 76548218 A 20181030; US 201816759411 A 20181030