

Title (en)

Process for erecting at least one vertical wall made from earth

Title (de)

Verfahrens zur Herstellung mindestens einer senkrechten, aus Erde bestehenden Mauer

Title (fr)

Procédé de fabrication d'au moins un mur vertical à base de terre

Publication

EP 2431545 A3 20121010 (FR)

Application

EP 11181183 A 20110914

Priority

FR 1057432 A 20100917

Abstract (en)

[origin: EP2431545A2] The method involves preparing a vertical element i.e. inner and outer vertical wall elements (12, 18), of formwork (10) determining thickness of wall to be realized and preparing an earthy material (22) to prepare a mixture comprising a silt earth i.e. clayey and/or sandy silt earth, in a proportion of 70 to 98 percentage, natural or artificial quick lime in a proportion of 1 to 10 percentage and cement in the proportion of 1 to 15 percentage for obtaining the material. A cavity (20) of the element is filled with a material, and the material is placed and dried. The formwork is removed.

IPC 8 full level

E04B 2/84 (2006.01); **E04G 11/10** (2006.01)

CPC (source: EP)

E04B 2/84 (2013.01); **E04G 11/10** (2013.01); **E04G 17/002** (2013.01); **E04G 17/14** (2013.01); **E04G 21/08** (2013.01)

Citation (search report)

- [I] WO 2010018110 A1 20100218 - LE CLOS LES PERDRIX [FR], et al
- [I] WO 2008019463 A1 20080221 - TERRA BUILDERS LTD FA [CA], et al
- [I] GUETTALA A ET AL: "Durability study of stabilized earth concrete under both laboratory and climatic conditions exposure", CONSTRUCTION AND BUILDING MATERIALS, ELSEVIER, NETHERLANDS, vol. 20, no. 3, 1 April 2006 (2006-04-01), pages 119 - 127, XP025079877, ISSN: 0950-0618, [retrieved on 20060401], DOI: 10.1016/J.CONBUILDMAT.2005.02.001

Cited by

EP2896604A1; ES2628281A1; FR3016376A1; WO2023124059A1

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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DOCDB simple family (application)

EP 11181183 A 20110914; FR 1057432 A 20100917; MA 34168 A 20110913