

Title (en)

Sealing arrangement for fabricating waterproof exterior walls using concrete double walled elements

Title (de)

Abdichtungsanordnung für die Herstellung wasserundurchlässiger Aussenwände bei Beton-Doppelwandelementen

Title (fr)

Agencement de cachetage pour la fabrication de parois externes imperméables à l'eau en utilisant des doubles éléments murés en béton

Publication

EP 1793056 B1 20140115 (DE)

Application

EP 07003990 A 20040527

Priority

- EP 03013021 A 20030610
- DE 20309107 U 20030610
- DE 202004000715 U 20040116
- EP 04012592 A 20040527
- EP 07003990 A 20040527

Abstract (en)

[origin: EP1486626A2] The rooms are constructed using concrete double wall elements (16) placed on a reinforcement layer (14) of a concrete floor plate (10). The sealing has a support (22,26) for insertion into the floor plate, and a vertical long flat joint element (24). After erection and grouting of a double wall element, the joint element seals the joint between wall and base. The support consists of several concrete steel brackets (22) connected rigidly to each other in longitudinal direction of the joint element. The joint element has a coating to prevent water circulation and aid gluing to other joint elements. The coating is butyl rubber, bitumen, synthetically-modified bitumen, a synthetically-modified coating reacting with fresh concrete, or a coating with swelling capacity.

IPC 8 full level

E04B 2/86 (2006.01); **E02D 29/16** (2006.01); **E02D 31/02** (2006.01); **E04B 1/16** (2006.01); **E04B 1/68** (2006.01)

CPC (source: EP)

E02D 29/16 (2013.01); **E02D 31/02** (2013.01); **E04B 1/161** (2013.01); **E04B 1/6806** (2013.01); **E04B 2/8617** (2013.01); **E04B 2002/867** (2013.01)

Cited by

CN107035006A; CN103821178A; US11248383B2; DE202016105819U1

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LU MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)

EP 1486626 A2 20041215; **EP 1486626 A3 20060510**; EP 1793056 A1 20070606; EP 1793056 B1 20140115

DOCDB simple family (application)

EP 04012592 A 20040527; EP 07003990 A 20040527