

Title (en)

Mechanically stabilized composite made earthwall

Title (de)

Mechanisch stabilisierter Erdwall aus Verbundmaterial

Title (fr)

Paroi de fondation en composite mécaniquement stabilisé

Publication

EP 2597202 B1 20140108 (EN)

Application

EP 11382366 A 20111128

Priority

EP 11382366 A 20111128

Abstract (en)

[origin: EP2597202A1] A Mechanically Stabilized Earth Wall, comprising face panels with a filling material to be contained, strips to embed into the filling material, connectors to attach the panels to one another, and connecting profiles to join the strips to the panels, wherein panels, strips, connectors and connecting profiles are made of composite materials made up of reinforced resins with unidirectional and woven fibers. Panels have at least one hollow through hole inside, with vertical walls and ribs connecting the opposite sides of the panel. Connectors can be included in the panel as either a horizontal tongue and groove system, or separately, as independent pieces. Connecting profiles can either be part of the panel, as an integral part of it, or form one piece together with the connectors, or be independent profiles attached to connectors. Strips have a flat geometry, including a cut on one end for attachment to a connecting profile.

IPC 8 full level

E02D 5/03 (2006.01); **E02D 29/02** (2006.01)

CPC (source: EP)

E02D 5/03 (2013.01); **E02D 29/0241** (2013.01)

Cited by

NL1040465C2; US10494783B2; WO2023035804A1; WO2017063020A1; WO2015060714A1

Designated contracting state (EPC)

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DOCDB simple family (publication)

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