

Title (en)
Diaphragm wall and method to build it

Title (de)
Schlitzwand sowie Verfahren zu deren Herstellung

Title (fr)
Paroi moulée et sa méthode de fabrication

Publication
EP 1788157 A3 20090311 (DE)

Application
EP 06023807 A 20061116

Priority
DE 102005055254 A 20051119

Abstract (en)
[origin: EP1788157A2] The wall (7) has lamellae (10) that are separately manufactured one after another, where the diaphragm is made of concrete or reinforced concrete. A clamping unit pre-stresses the diaphragm wall and is made of steel. A u-shaped upper edge of the clamping unit extends over the level of the diaphragm wall and crosses a joint (11) between the adjacent lamellae. An opening is closed by a plate made of brittle material such as glass in an assembling condition. Independent claims are also included for the following: (1) a method for formation of a butt joint of cladding tubes between the adjacent diaphragm wall lamellae (2) a method for manufacturing the diaphragm wall.

IPC 8 full level
E02D 5/18 (2006.01); **E02D 19/18** (2006.01)

CPC (source: EP)
E02D 17/13 (2013.01); **E02D 29/16** (2013.01); **E04C 5/10** (2013.01)

Citation (search report)

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Cited by
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Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

Designated extension state (EPC)
AL BA HR MK RS

DOCDB simple family (publication)
EP 1788157 A2 20070523; EP 1788157 A3 20090311; DE 102005055254 A1 20070524

DOCDB simple family (application)
EP 06023807 A 20061116; DE 102005055254 A 20051119