

Title (en)

CONSTRUCTION AND PROCESS FOR PRODUCING THE SAME, ASSOCIATED CONSTRUCTION ELEMENTS AND SETS OF CONSTRUCTION ELEMENTS.

Title (de)

BAUWERKE UND ENTSPRECHENDE HERSTELLUNGSVERFAHREN SOWIE ZUGEHÖRIGE BAUTEILE UND BAUTEILSÄTZE.

Title (fr)

CONSTRUCTION ET PROCEDE CORRESPONDANT DE PRODUCTION, AINSI QU'ELEMENTS ET JEUX D'ELEMENTS DE CONSTRUCTION ASSOCIES.

Publication

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Application

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Abstract (en)

[origin: US5419092A] PCT No. PCT/EP91/01762 Sec. 371 Date Jul. 15, 1992 Sec. 102(e) Date Jul. 15, 1992 PCT Filed Sep. 16, 1991 PCT Pub. No. WO92/05318 PCT Pub. Date Apr. 2, 1992. A retaining wall includes a fore-structure including a material supporting member, at least one abutment on the material supporting member, and at least one solid body anchor member. A bulk material filling is disposed rearward of the fore-structure and has a portion acting with a forwardly-directed force on the fore-structure. A flexible sheet material member interconnects the fore-structure and the bulk material filling for resisting forward movement of the fore-structure under the influence of the forwardly-directed force. The solid body anchor member is disposed forward of an abutment surface on the abutment, and the abutment surface blocks rearward movement of the solid body anchor member relative to the material supporting member. The sheet material member has a loop section extending at least partially around the solid body anchor member. At least a portion of the loop section extends between the solid body anchor member and the abutment surface. The sheet material member has first and second end sections connected with the loop section. The end sections extend rearward from the loop section and from the fore-structure in a direction into the bulk material filling. The end sections are disposed in an overlying force-transmitting relationship with each other, and are anchored in the bulk material filling to place the sheet material member in tension under the influence of the forwardly-directed force. The abutment surface extends in a direction generally transverse to the direction of tension of the sheet material member.

Abstract (fr)

Un ouvrage comprend un avant-corps (1) formé d'éléments porteurs rigides (3), une ossature porteuse (2) remplie par derrière avec des matériaux en vrac ou compactés et des éléments de traction (6) flexibles plats qui relient l'avant-corps (1) à l'ossature porteuse (2). Chaque élément de traction (6) entoure un élément d'ancrage (7) transversal par rapport au sens de traction, qui coopère avec une butée (8) qui fait librement saillie en bas ou en haut, formée dans la région de la face postérieure des éléments porteurs.

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