

Title (en)
Method of constructing multiple layered walls from constructional elements

Publication
EP 0138798 A2 19850424 (FR)

Application
EP 84870143 A 19841009

Priority
• BE 213503 A 19840817
• BE 897955 A 19831010

Abstract (en)
The walls 1, 2, 3, 16 (Fig. 19) are secured with the aid of linking laddering 9, 10, 13, 17 formed from hollow or solid profiled uprights, joined together by spacers to be inserted 19 or snap-fastened 20. The uprights have a profile permitting their encasement in anchoring slots 21 arranged on one or more faces of the constructional elements 4, 6, or a profile 18 enabling them to be fastened on one and/or the other face of constructional elements which do not comprise anchoring slots. The constructional elements and the uprights of the laddering are secured by a small amount of bonding material 5, 7 or by bolting 8 or by nailing, adhesive bonding or screwing 22. The gap between the walls can be filled in continuously with an insulating or reinforcing material. The prefabrication of constructional elements comprising the rung system makes it possible to envisage large-scale industrial production. Abstract of improvement patent Method of constructing multiple layered walls from constructional elements according to the main patent No. 897955, in which the profiled uprights (Fig. 13) joined together by spacers or by fastening clips are applied on one or more faces of the constructional elements or are encased in anchoring slots disposed on one or more faces of these elements and are secured together by sections of a slotted hollow tube 12, 13, which is sliding, having on its periphery fins with a diameter which is equal to or less than the largest dimension of the anchoring slots, and in which the profiled uprights 5, 6 comprise inserted sliding anchoring elements equipped with a T-shaped branch 14 with a view to securing them to the constructional elements. <IMAGE>

Abstract (fr)
Les parois 1 2 3 16 (fig. 19) sont solidarisées à l'aide d'échelles de liaison 9 10 13 17 <IMAGE> formées de montants profilés creux ou pleins, reliés entre eux par des entretoises à insérer ?? ou à clipser ?. Les montants ont un profil permettant leur emboîtement dans les coulisses d'ancrage ?? disposées sur une ou plusieurs faces des éléments de construction 4 6, ou un profil ?? permettant leur fixation sur l'une et/ou l'autre face d'éléments de construction ne comportant pas de coulisses d'ancrage. La solidarisation des éléments de construction et des montants des échelles se réalise par peu de liant 5 7 ou par goujonnage 8 ou par clouage, collage ou vissage ?. L'interstice entre parois peut être comblé en continu par une matière isolante ou de renforcement.

IPC 1-7
E04B 2/30

IPC 8 full level
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CPC (source: EP)
E04B 2/40 (2013.01); **E04C 3/32** (2013.01)

Cited by
CN116927380A; AT510112A1; AT510112B1; GB2399593A; GB2399593B; WO2004055285A1; EP2444563A1

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