

Title (en)
METHODS OF BUILDING CONSTRUCTION.

Title (de)
VERFAHREN ZUM BAU VON KONSTRUKTIONEN.

Title (fr)
PROCEDES DE CONSTRUCTION.

Publication
EP 0079344 A1 19830525 (EN)

Application
EP 82901487 A 19820521

Priority
• AU 898681 A 19810522
• AU 986681 A 19810723

Abstract (en)
[origin: WO8204088A1] Methods of building construction where a series of elements (10) are superimposed and/or in a side by side relationship to be used as "stay-in-place" formwork for concrete (or other) filling to form structural walls for buildings, swimming pools, earth retaining walls or the like. Each element (10) has a pair of substantially parallel side panels (11) connected together, and the side panels (11) of all adjacent elements (10) are connected together directly or indirectly by connecting and/or locking members. The side panels (11) may be rigid or semi-rigid and may have concave or convex profiles under compression or tension respectively. Vertical beams or rods (31) may be provided internally of the elements (10) to limit the flexing of the side panels (11) as the elements (10) are filled, to reinforce the resultant walls and to assist in anchoring them to the building foundations.

Abstract (fr)
Procedes de construction dans lesquels une serie d'elements (10) sont superposes et/ou assemblees cote a cote pour etre utilises en tant que coffrages 'restant en place' pour un remplissage en ciment (ou autre) pour former des parois structurales pour des batiments, des piscines, des murs de soutainement ou analogues. Chaque element (10) possede une paire de panneaux lateraux sensiblement paralleles (11) relies ensemble, et les panneaux lateraux (11) de tous les elements adjacents (10) sont relies ensemble directement ou indirectement au moyen d'organes de liaison et/ou de verrouillage. Les panneaux lateraux (11) peuvent etre rigides ou semi-rigides et peuvent presenter des profils concaves ou convexes sous l'effet d'une compression ou d'une tension respectivement. Des poutres ou tiges verticales (31) peuvent etre prevues a l'interieur des elements (10) pour limiter la flexion des panneaux lateraux (11) lors du remplissage des elements (10), pour renforcer les parois resultantes et faciliter leur ancrage dans les fondations du batiment.

IPC 1-7
E04B 2/86

IPC 8 full level
E02D 29/02 (2006.01); **E04B 2/56** (2006.01); **E04B 2/86** (2006.01); **E04H 4/00** (2006.01)

CPC (source: EP)
E02D 29/02 (2013.01); **E04B 2/56** (2013.01); **E04B 2/8635** (2013.01); **E04B 2/8652** (2013.01); **E04H 4/00** (2013.01); **E04H 4/0043** (2013.01); **E04H 4/0062** (2013.01)

Designated contracting state (EPC)
AT BE CH DE FR LI LU NL SE

DOCDB simple family (publication)
WO 8204088 A1 19821125; EP 0079344 A1 19830525

DOCDB simple family (application)
AU 8200080 W 19820521; EP 82901487 A 19820521