

Title (en)

Method and apparatus for forming an elevated concrete slab section of a building.

Title (de)

Verfahren und Vorrichtung zum Formen eines erhöhten Betonplattenteils eines Gebäudes.

Title (fr)

Procédé et dispositif pour former une section de planche élevée d'un bâtiment en béton.

Publication

EP 0049599 A1 19820414 (EN)

Application

EP 81304528 A 19810930

Priority

CA 361569 A 19801002

Abstract (en)

The method includes assembling a supporting structure (10) at a predetermined level and laying a plurality of elongated forming members (14) of substantially rectangular cross section across the supporting structure in parallel spaced apart relationship. The forming members (14) have a pair of outwardly projecting shelves one on each of two opposite sides along the entire length of the member. By laying beam plates (20) on the shelves a beam channel (38) is formed by the opposed sides (40, 42) of adjacent forming members (14) and the top surface of the beam plate (20). Spaces between forming members (14) which do not define beam channels are covered by laying elongated bridging plates (22) on the tops of the adjacent spaced apart forming members, the combination of the top surfaces of the forming members (14), the beam channels (38) and the top surfaces of the bridging plates (22) provides the form for a bottom surface of a concrete slab section. Levelling of concrete poured over the combination results in a slab surface having a thin layer of concrete between spaced apart thickened beam portions. Forming the concrete slab in this way reduced the required amount of concrete and hence the weight of the slab.

IPC 1-7

E04G 11/46

IPC 8 full level

E04G 11/38 (2006.01); **E04G 11/46** (2006.01); **E04G 11/50** (2006.01); **E04G 21/12** (2006.01)

CPC (source: EP)

E04G 11/38 (2013.01); **E04G 11/46** (2013.01); **E04G 11/50** (2013.01); **E04G 21/12** (2013.01)

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