

Title (en)
PROCESS FOR THE CONSTRUCTION OF DWELLINGS

Publication
EP 0031600 A3 19811028 (FR)

Application
EP 80201035 A 19801031

Priority
BE 2058186 A 19791107

Abstract (en)
[origin: EP0031600A2] For the putting up of small dwellings, part of the inner and outer walls are erected to a low height on a suitable supporting surface, and at a height which is slightly greater than this, plates extending over the full area enclosed by the walls, are installed to act as shutters. These are of polyurethane or polyethylene foam reinforced with a network of metal, and a reinforced support plate is cast on these, the support plate being provided with fastenings for a pressure cylinder and a passage for the piston rod. The reinforced support is jacked up by the cylinder to the required height and plates of reinforced foam are fitted to act as shutters for the casting of the walls between them and the bonding of the concrete of the walls to the reinforced support plate. An ornamental outer wall may be provided and during casting the foam plates are held away from the outer wall by fastenings which are removed when the concrete has partly set, whilst the foam plates remain. The technique dispenses with the need for highly skilled people and eliminates waiting time whilst floors and walls set.

IPC 1-7
E04B 1/16; **E04B 1/35**

IPC 8 full level
E04B 1/16 (2006.01); **E04B 1/35** (2006.01)

CPC (source: EP)
E04B 1/161 (2013.01); **E04B 1/3511** (2013.01)

Citation (search report)
• FR 1414576 A 19651015
• [P] US 4206162 A 19800603 - VANDERKLAUW PETER M [US]
• GB 1074272 A 19670705 - INTERNAT LIFT SLAB CORPROATIN
• FR 1267687 A 19610721 - BYGGFORBATTRING AB
• GB 737100 A 19550921 - ERIK JOHAN VON HEIDENSTAM

Cited by
FR2790498A1; FR2574837A1

Designated contracting state (EPC)
AT CH DE FR GB NL

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EP 0031600 A2 19810708; **EP 0031600 A3 19811028**; **EP 0031600 B1 19840725**; AT E8682 T1 19840815; DE 3068715 D1 19840830

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