

Title (en)
SEQUENTIAL FORMWORK SYSTEM FOR CONCRETE BUILDINGS

Title (de)
SYSTEM VON AUFEINANDERFOLGENDEN SCHALUNGEN FÜR GEBÄUDE AUS BETON

Title (fr)
SYSTEME DE COFFRAGES SUCCESSIFS POUR CONSTRUCTIONS EN BETON

Publication
EP 0828907 A1 19980318 (EN)

Application
EP 96911863 A 19960508

Priority
• AU 9600279 W 19960508
• AU PN317395 A 19950525

Abstract (en)
[origin: WO9637674A1] A method of construction of column(s), wall(s), beams and/or the like using pourable concrete material and apparatus for performing the method. The method comprising the steps of: a) positioning and securing base portion formwork (40) atop foundation means, each said panels base portion formwork being comprised of a pair of opposing base panels defining the base portion surfaces of said column(s), wall(s) or the like to be formed; b) positioning and securing upper portion formwork(s) (27) of said wall(s) formwork atop of said base portion formwork(s), each said upper portion formwork(s) being comprised of at least one pair of substantially parallel opposing upper panels defining the upper portion surfaces of said wall(s) to be formed. Pouring concrete between the panels and allowing it to set. The method further comprises the steps of (i) providing a foundation, (ii) constructing the corners, (iii) constructing the base portions of the walls, between the corners, (iv) constructing the wall portions atop the wall base portions and between the corners, and (v) removing the reusable formwork. Blanking panels (32) are used for windows/doors. Insulation may be provided within the walls. Door frames may be moulded in the walls with door hinges and/or striker plates may be insert moulded in the concrete.

IPC 1-7
E04G 11/08; **E04G 13/02**; **E04B 1/16**

IPC 8 full level
E04G 11/02 (2006.01); **E04G 11/08** (2006.01); **E04G 13/00** (2006.01); **E04G 13/02** (2006.01); **E04G 15/02** (2006.01); **E04G 17/14** (2006.01)

CPC (source: EP KR)
E04G 11/08 (2013.01 - EP); **E04G 11/085** (2013.01 - KR); **E04G 11/12** (2013.01 - KR); **E04G 13/00** (2013.01 - EP); **E04G 13/02** (2013.01 - EP); **E04G 15/02** (2013.01 - EP); **E04G 17/14** (2013.01 - EP)

Cited by
CN112779929A; CN102587642A; CN105484496A; CN103938866A; CN104153579A

Designated contracting state (EPC)
AT BE CH DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)
WO 9637674 A1 19961128; AT E248274 T1 20030915; AU PN317395 A0 19950622; BR 9609213 A 19991214; CN 1191005 A 19980819; DE 69629677 D1 20031002; EP 0828907 A1 19980318; EP 0828907 A4 19981118; EP 0828907 B1 20030827; JP H11505900 A 19990525; KR 19990021916 A 19990325; MX 9709041 A 19980628; NZ 306374 A 19990528

DOCDB simple family (application)
AU 9600279 W 19960508; AT 96911863 T 19960508; AU PN317395 A 19950525; BR 9609213 A 19960508; CN 96195513 A 19960508; DE 69629677 T 19960508; EP 96911863 A 19960508; JP 53521096 A 19960508; KR 19970708391 A 19971124; MX 9709041 A 19971124; NZ 30637496 A 19960508