

Title (en)
REINFORCEMENT FOR CONTINUOUSLY-CAST CONCRETE WALLS

Publication
EP 0393032 A4 19910508 (EN)

Application
EP 88905167 A 19880614

Priority
AU PI244287 A 19870612

Abstract (en)
[origin: WO8809849A1] A reinforcing frame (10) is disclosed for providing continuous reinforcement for a concrete wall (18) cast in longitudinal sections within a trench (17). The frame (10) comprises vertical bars (11) and horizontal bars (12) to form a rectangular cage (14) to one end of which a blocking plate (13) is attached for blocking the flow of wet concrete along the trench (17). The vertical edges of the blocking plate (13) are formed as channel-shaped formations (9) which engage with vertical bars (15) attached to the end of an adjacent further reinforcing frame (16). After the clearances between the formations (9) and the bars (15) have been filled with concrete which has set, continuous longitudinal reinforcement of the concrete wall (18) is achieved. Methods of forming a reinforced concrete wall and producing a multi-tiered concrete retaining wall are also disclosed.

IPC 1-7
E02D 5/20; **E02D 29/02**; **E04B 2/84**; **E04C 5/01**; **E04C 5/07**; **E04C 5/16**

IPC 8 full level
E02D 5/18 (2006.01); **E02D 5/20** (2006.01); **E02D 5/76** (2006.01); **E02D 29/02** (2006.01)

CPC (source: EP)
E02D 5/18 (2013.01); **E02D 5/76** (2013.01); **E02D 29/0275** (2013.01)

Citation (search report)

- [X] DE 1253178 B 19671026 - HEINZ CHRISTIAN MUELLER HAUDE
- [Y] DE 2917994 B1 19801009 - LOHMILLER HERMANN DR-ING
- See references of WO 8809849A1

Cited by
CN104195911A; CN104631664A

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

DOCDB simple family (publication)
WO 8809849 A1 19881215; EP 0393032 A1 19901024; EP 0393032 A4 19910508; JP H04500544 A 19920130

DOCDB simple family (application)
AU 8800189 W 19880614; EP 88905167 A 19880614; JP 50500088 A 19880614