Title (en)

THREE-DIMENSIONAL CONCRETE SUPPORTING STRUCTURE AND METHOD FOR MAKING SAID STRUCTURE

Publication

EP 0146469 A3 19850828 (FR)

Application

EP 84402551 A 19841211

Priority

FR 8320092 A 19831214

Abstract (en)

[origin: CA1218241A] A concrete structure comprises a rigid threedimensional lattice of concrete bars which are interconnected at nodes. The lattice is constituted by an assembly of prefabricated cast blocks, in which each block comprises a node and arms radiating from the node. Each arm has at least one longitudinal socket with an opening in a free end of the arm, and the arms of two blocks are assembled in aligned end-to-end pairs to constitute the bars of the lattice. The sockets of assembled arms are in alignment and contain a common metal reinforcing member, and the junction zone of the arms is surrounded by a clamping sleeve, with the sockets being filled with hardened mortar. The lattice is prestressed by prestress cables passing outside the bars of the lattice and fixed to some nodes of the lattice.

IPC 1-7

E04B 1/19

IPC 8 full level

E02D 27/52 (2006.01); **B28B 11/02** (2006.01); **E02B 3/04** (2006.01); **E02B 17/00** (2006.01); **E02B 17/02** (2006.01); **E04B 1/19** (2006.01); E04B 1/35 (2006.01)

CPC (source: EP KR US)

E02B 3/04 (2013.01 - KR); **E04B 1/19** (2013.01 - EP US); E04B 1/1906 (2013.01 - EP US); E04B 2001/1921 (2013.01 - EP US); E04B 2001/1927 (2013.01 - EP US); E04B 2001/1933 (2013.01 - EP US); E04B 2001/1984 (2013.01 - EP US); E04B 2001/1987 (2013.01 - EP US); E04B 2001/199 (2013.01 - EP US); E04B 2001/3583 (2013.01 - EP US); Y10S 52/10 (2013.01 - EP US); Y10T 403/342 (2015.01 - EP US); Y10T 403/44 (2015.01 - EP US); Y10T 403/47 (2015.01 - EP US)

Citation (search report)

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- [A] US 4161088 A 19790717 - GUGLIOTTA PAUL F [US], et al

Designated contracting state (EPC)

AT BE CH DE FR GB IT LI LU NL SE

DOCDB simple family (publication)

EP 0146469 A2 19850626; **EP 0146469 A3 19850828**; **EP 0146469 B1 19870311**; AT E25863 T1 19870315; CA 1218241 A 19870224; DE 3462616 D1 19870416; FR 2556757 A1 19850621; FR 2556757 B1 19870410; JP H0317004 B2 19910307; JP S6124717 A 19860203; KR 850004287 A 19850711; KR 890004175 B1 19891023; MX 162915 B 19910708; OA 07894 A 19861120; US 4648223 A 19870310; US 4726923 A 19880223

DOCDB simple family (application)

EP 84402551 A 19841211; AT 84402551 T 19841211; CA 470000 A 19841213; DE 3462616 T 19841211; FR 8320092 A 19831214; JP 26435284 A 19841214; KR 840007939 A 19841214; MX 20373184 A 19841214; OA 58471 A 19841214; US 68054584 A 19841211; US 93663386 A 19861201