

(19) World Intellectual Property Organization
International Bureau



(43) International Publication Date
30 January 2003 (30.01.2003)

PCT

(10) International Publication Number
WO 03/008732 A1

(51) International Patent Classification⁷: E04C 2/38, 3/08

(21) International Application Number: PCT/CA02/01122

(22) International Filing Date: 18 July 2002 (18.07.2002)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:
09/907,873 18 July 2001 (18.07.2001) US
10/006,730 7 December 2001 (07.12.2001) US

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(81) Designated States (*national*): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZM, ZW.

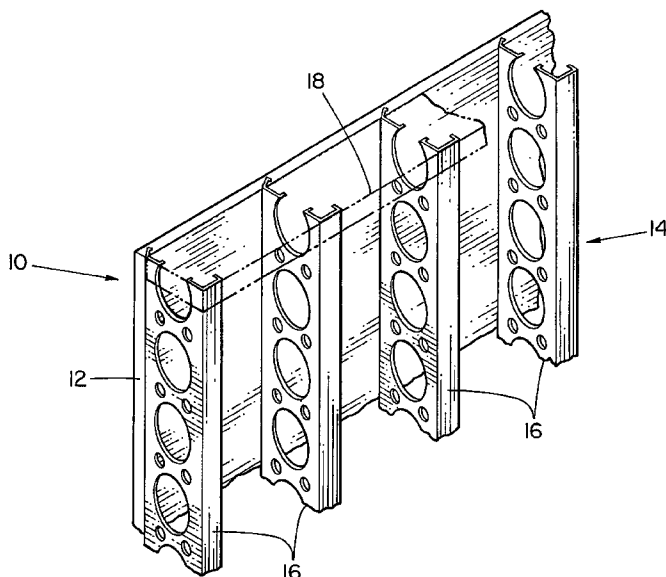
(84) Designated States (*regional*): ARIPO patent (GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, SK, TR), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

Published:

— with international search report

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

(54) Title: STEEL STUD AND COMPOSITE CONSTRUCTION PANEL



(57) Abstract: A composite construction panel (10) and a method forming same, having a panel of concrete (12) a grid (14) of metal studs (16) which are partly embedded, each of the studs having a web (22), with main web openings (34), an angular flange (24) on one edge, and may or may not have an embedment angled flange portion (28) formed along the opposite edge of the web, an edge strip (30) formed on the angled flange at an angle thereto; and, spaced apart angled flange openings (32) formed in the angled flange for flow of concrete therethrough. An alternate form of stud has a triangular tube structure (53) along one edge of the web. Another form of stud has discontinuous webs defining spaces (96) between them. In one embodiment two concrete panels (110) and (114) may be secured to the studs in spaced relation to create a hollow structure.



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