



(51) International Patent Classification:
E04B 2/16 (2006.01)

(21) International Application Number:
PCT/CH2011/000028

(22) International Filing Date:
15 February 2011 (15.02.2011)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:
P 1000094 17 February 2010 (17.02.2010) HU

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(81) Designated States (unless otherwise indicated, for every kind of national protection available): AE, AG, AL, AM, AO, AT, AU, AZ, BA, BB, BG, BH, BR, BW, BY, BZ, CA, CH, CL, CN, CO, CR, CU, CZ, DE, DK, DM, DO, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, GT, HN, HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KN, KP, KR, KZ, LA, LC, LK, LR, LS, LT, LU, LY, MA, MD, ME, MG, MK, MN, MW, MX, MY, MZ, NA, NG, NI, NO, NZ, OM, PE, PG, PH, PL, PT, RO, RS, RU, SC, SD, SE, SG, SK, SL, SM, ST, SV, SY, TH, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, ZA, ZM, ZW.

(84) Designated States (unless otherwise indicated, for every kind of regional protection available): ARIPO (BW, GH, GM, KE, LR, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AL, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HR, HU, IE, IS, IT, LT, LU, LV, MC, MK, MT, NL, NO, PL, PT, RO, RS, SE, SI, SK, SM, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

Published:

— with international search report (Art. 21(3))

[Continued on next page]

(54) Title: ENERGY AND WEIGHT EFFICIENT BUILDING BLOCK, MANUFACTURING AND APPLICATION PROCESS THEREOF

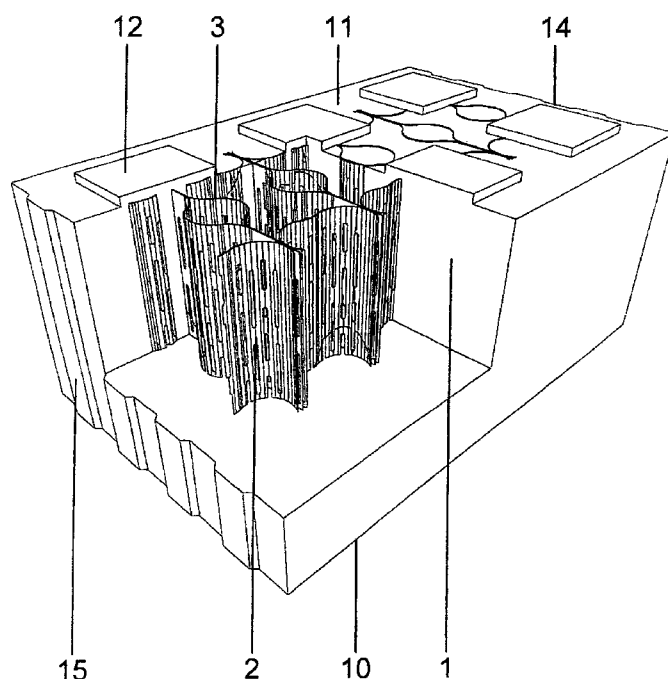


Fig. 1

(57) Abstract: The subject matter of the invention is an energy and weight efficient building block that has a prismatic body made from a post-hardening material (1). The invention is characterized in that a flexible static insert structure (2) is placed inside the body. Furthermore, the subject matter of the invention is the manufacturing and application process for the production of the building block. Manufacturing is characterized in that a static insert structure (2) is placed into the form body (16), then the form body (16) is filled up with the stirred post-hardening material (1) or at first the stirred post-hardening material (1) is poured into the form body (16), and the static insert structure (2) is placed therein afterwards, then the building block with the static insert structure (2), embedded in the post-hardening material (1) is let to dry until set in the form body (16) itself or after being taken out thereof.



— *with amended claims (Art. 19(1))*