



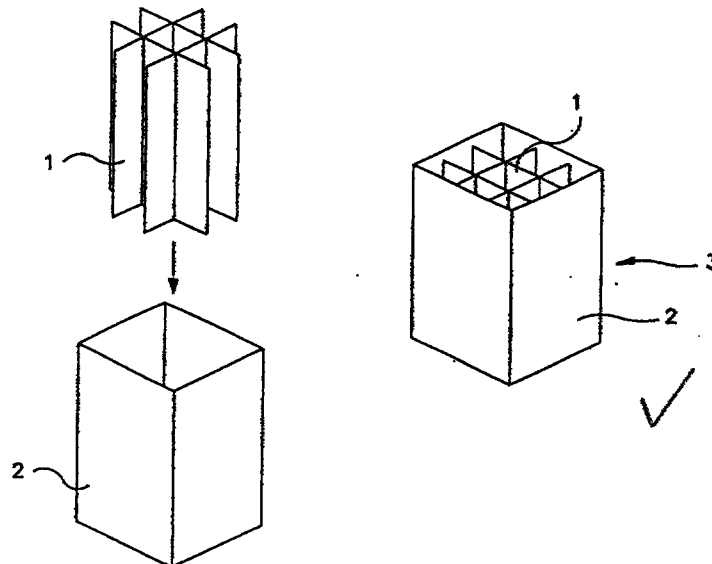
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INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(51) International Patent Classification ⁶ : B28B 1/08, 1/32, B29C 31/02, 31/10, 39/12, 41/22, B44F 7/00 ✓		A1	(11) International Publication Number: WO 97/24209 ✓
			(43) International Publication Date: 10 July 1997 (10.07.97) ✓
(21) International Application Number: PCT/US96/20320 ✓		(81) Designated States: AL, AU, BA, BB, BG, BR, CA, CU, CZ, EE, GE, HU, IL, IS, JP, KP, KR, LC, LK, LR, LT, LV, MG, MK, MN, MX, NO, NZ, PL, RO, <u>SG</u> SI, SK, TR, TT, UA, UZ, VN, ARIPO patent (KE, LS, MW, SD, SZ, UG), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, ML, MR, NE, SN, TD, TG).	
(22) International Filing Date: 27 December 1996 (27.12.96) ✓			
(30) Priority Data: 08/579,697 ✓ 28 December 1995 (28.12.95) ✓ US			
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(54) Title: METHOD AND APPARATUS FOR CREATING PATTERNS IN CAST MATERIALS ✓



(57) Abstract

A process for creating aesthetically pleasing multicolor designs and patterns in cast materials (6), particularly cementitious materials, which may be used to imitate natural stone in appearance. The process includes the steps of preparing multiple colors of the casting material (6), geometrically loading these colors in a three-dimensional array in a holding container (2) according to formulas corresponding to particular patterns to be created, placing the geometrically loaded colors into a mold (16) by pouring, extruding, and spraying, consolidating the mixtures (6) in the mold (16) and allowing them to set, and removing the cast structure from the mold (16) followed by polishing and sealing if required. A removable matrix (1) in the holding container (2) provides the ability to reliably repeat patterns according to the loading formulas.