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(21) International Application Number: PCT/EP99/02833 (22) International Filing Date: 23 April 1999 (23.04.99) (30) Priority Data: 60/083,960 1 May 1998 (01.05.98) US (71) Applicant (for all designated States except US): MBT HOLD- ING AG [CH/CH]; Vulkanstrasse 110, CH-8048 Zürich (CH). (72) Inventor; and (75) Inventor/Applicant (for US only): SPROUTS, Sandra, R. [US/US]; 7318 Lamson Road, Oakwood Village, OH 44146 (US). (74) Agent: McSTEa, John, Anthony; MBT (Schweiz) AG, Patents & Trade Marks, Vulkanstrasse 110, CH-8048 Zürich (CH).		(81) Designated States: AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GE, GH, GM, HR, HU, ID, IL, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, UA, UG, US, UZ, VN, YU, ZW, ARIPO patent (GH, GM, KE, LS, MW, SD, SL, SZ, UG, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG). Published <i>With international search report.</i> <i>Before the expiration of the time limit for amending the</i> <i>claims and to be republished in the event of the receipt of</i> <i>amendments.</i>
(54) Title: INTEGRATED RETROREFLECTIVE MARKING MATERIALS (57) Abstract A dry formulation for an integrated marking material for concrete and asphalt application comprises a cementitious mixture including a hydraulic or cementitious binder, a redispersible polymeric cement modifier, a retroreflective agent filler, and optionally, a reflective agent filler. The formulation preferably includes a pigment, aggregate, a dispersant, a plasticizer, and/or a water reducer. The formulation optionally includes at least one admixture selected from an accelerator, an air entrainer, a defoamer, fibers, an inert filler, a natural clay, a pozzolanic filler, a retarder, a rheology modifier, a shrinkage compensating agent, a synthetic clay, a suspending agent, and a thickening agent. The marking material, when applied, has broadcast onto and embedded into its surface, additional retroreflective agents.		