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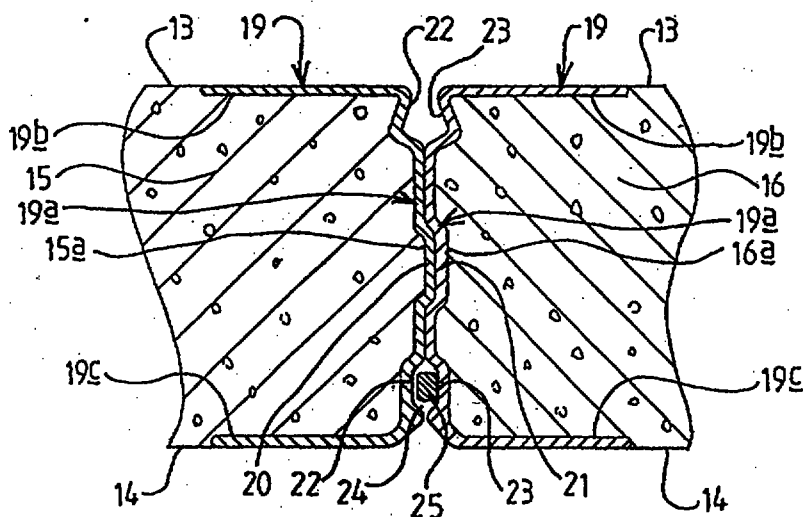
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(21) International Application Number: PCT/GB98/02996 (22) International Filing Date: 7 October 1998 (07.10.98) (30) Priority Data: 9721128.8 7 October 1997 (07.10.97) GB (71) Applicant (for all designated States except US): TARMAC HEAVY BUILDING MATERIALS UK LIMITED [GB/GB]; Millfields Road, Ettingshall, Wolverhampton, West Midlands WV4 6JP (GB). (72) Inventor; and (75) Inventor/Applicant (for US only): GIMBERT, Alan, William [GB/GB]; Applewood, Main Street, Siskerton, Southwell, Notts NG25 0UL (GB). (74) Agent: FORRESTER KETLEY & CO. ; Chamberlain House, Paradise Place, Birmingham B3 3HP (GB).	(81) Designated States: AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GD, 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, 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>	

(54) Title: METHOD OF MANUFACTURING A TUNNEL OR SHAFT LINING OR PIPELINE



(57) Abstract

A method of manufacturing a tunnel (10) or shaft lining or pipeline of segments (12), wherein each segment (12) comprises a concrete body (11) having an extrados (13) surface, an intrados (14) surface and first and second ends (15, 16) and first and second sides (17, 18), the ends (15, 16) and sides (17, 18) providing edge portions, the segments (12) being adapted to be connected to further similar segments (12) with edge portions adjacent edge portions of adjacent segments (12), the method being characterised in that the method includes enveloping the ends (15, 16) or sides (17, 18) of at least a pair of segments (12) in a reinforcing material as the concrete is cast, and once the concrete has cured, connecting the segments (12) together with one of each of their enveloped ends (15, 16) or sides (17, 18) adjacent, and sealing between the enveloped ends or sides.