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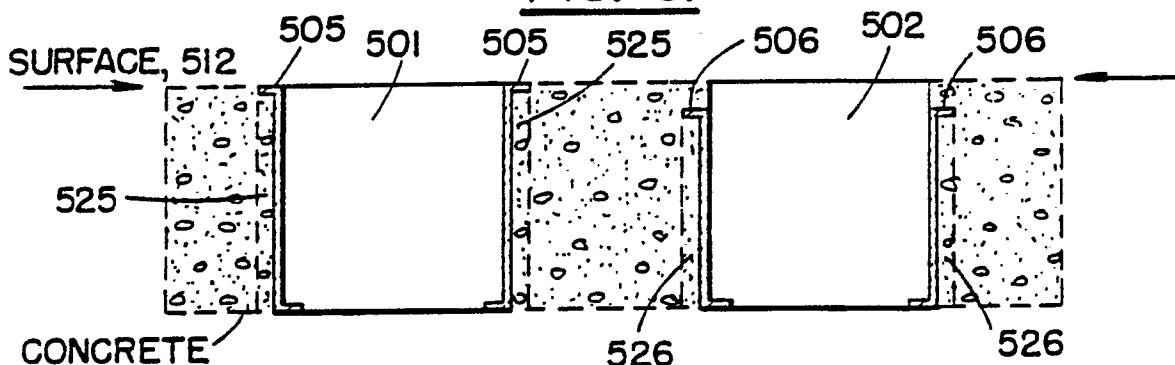
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(54) Methods and apparatus for fabricating concrete panels with embedded glass block.

(57) Methods and apparatus are set forth for fabricating a concrete panel with embedded glass block. According to the invention the panel form includes at least one partially anchorable support form. After concrete is poured into the panel form and hardened, the nonanchorable portion of the support form is removed. A noncementitious band (or collar), of which the anchored portion of the support form is comprised, remains. The glass block is then inserted within this band. According to the preferred embodiment of the invention a rubber seal may be inserted between the glass and noncementitious surface to both waterproof the panel and cushion the block to improve the completed panel's ability to be handled

and transported without damage. Furthermore, the invention teaches utilizing the support form to create at least one support lip. Each lip may be formed as part of the anchored band or as part of the formed concrete panel. The lip(s) provide support upon which to rest the block and improve the panel's load bearing capacity. A given lip may take any number of shapes and can be designed to take advantage of the inherent load bearing capacity of the concrete in which it is set and/or formed to support the anticipated load. Additional glazing and sealing steps may be optionally performed to further cushion the block and hold it firmly in place.

FIG. 5.



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EUROPEAN SEARCH REPORT

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DOCUMENTS CONSIDERED TO BE RELEVANT

Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int. Cl.5)
T	FR-A-2 614 914 (B. AGHEBO DI ODDO) * The whole document *	1-26	B 28 B 23/00
A	US-A-1 821 003 (R.W. BRUNER) * The whole document *	1-26	
A	FR-A-1 500 249 (A.P.M. SIMON) * The whole document *	1-26	
A	US-A-4 629 155 (F.P. DULA) * The whole document *	1,12,16, 25,26	
A	GB-A-7 430 59 (F.C. HORWARTH) * The whole document *	1-26	
A	US-A-2 303 091 (E.T. PUTNAM) * The whole document *	1,8-10, 12-14,16, 19-26	
A	DE-C-5 108 92 (F. VALENTIN) * The whole document *	1-3,5,6, 12,16-18, 20,25,26	
A	GB-A-1 286 146 (P.A. GRIX) * The whole document *	1,12,16, 25,26	TECHNICAL FIELDS SEARCHED (Int. Cl.5) B 28 B E 01 C E 04 C E 04 F
A	FR-A-8 494 57 (COMPAGNIES REUNIES DES GLACES ET VERRES SPECIAUX DU NORD DE LA FRANCE) * The whole document *	1,8, 11-13, 16-22,24	
The present search report has been drawn up for all claims			
Place of search The Hague		Date of completion of search 19 November 90	Examiner GOURIER P.A.
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