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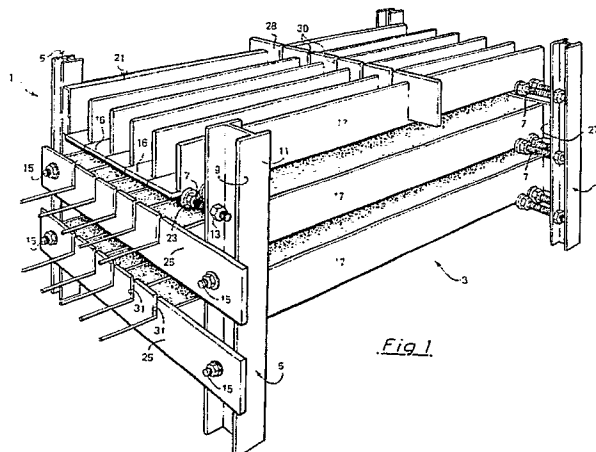
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54 Improvements relating to the production of concrete beams or the like.

57 The present specification discloses an apparatus and method for producing concrete beams for use in the construction industry. Concrete beams are conventionally made in suitable moulds in a factory, the beams being removed from the mould and transferred to the construction site. However, removal from the mould and transit can cause the beams to be damaged, besides adding to the production cost.

The present invention provides an apparatus which is manhandleable without the need for lifting gear, and which can be used on site, thereby reducing production cost and the possibility of damage.

The apparatus comprises a number of vertical supports (5) between which horizontal support members (7) extend. Elongate mould members (17) rest generally horizontally on the support members (7), abutting one another so as to define a number of adjacent, parallel, generally U-shaped channels (19). In use, concrete is poured into the channels (19) and after hardening the mould members (17) are separated, it being a relatively easy operation to release the L-shaped mould members (17) from the beams with little, if any, damage.



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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)
A	US-A-1 440 105 (R. ROIDERER) * The whole document * - - - -	1,6,14	B 28 B 7/24
A	GB-A-7 040 90 (L.K. MACKENZIE) ***The whole document * - - - -	1,8-12, 14,15	
A	GB-A-8 426 03 (THE WEST OF ENGLAND CONCRETE CO., LTD) * The whole document * - - - -	1,6,14	
A	US-A-3 999 913 (A. BRANITZKY) * The whole document * - - - -	1,8-10, 14,15	
A	FR-A-4 939 15 (SOCIETE BONNET AINE & SES FILS) * The whole document * - - - -	1,3,6,14	
A	FR-A-5 021 71 (G.E. PIOLLENC) * The whole document * - - - -	1,3,6,14	
A	GB-A-2 097 712 (J. HARRIS) * The whole document * - - - -	2-4	TECHNICAL FIELDS SEARCHED (Int. Cl.5)
A	US-A-3 070 867 (T.J. BELLE) * The whole document * - - - - -	4,5	B 28 B
The present search report has been drawn up for all claims			
Place of search		Date of completion of search	Examiner
The Hague		21 February 91	GOURIER P.A.
<p>CATEGORY OF CITED DOCUMENTS</p> <p>X: particularly relevant if taken alone Y: particularly relevant if combined with another document of the same category A: technological background O: non-written disclosure P: intermediate document T: theory or principle underlying the invention</p> <p>E: earlier patent document, but published on, or after the filing date D: document cited in the application L: document cited for other reasons ----- &: member of the same patent family, corresponding document</p>			