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(54) **Method of building viaducts**

(57) The building method is actuated by a horizontal carrying structure, a vertical lifting ledger and a hooking beam. The horizontal carrying structure consists of a level structure (1) formed by two structural steel work beams with cross bracings (2) on horizontal plane. The horizontal structure goes on rails (3) fixed on the scaffolding slab by four motorized wheels (4) with safety block device (5). The level structure moreover provides

feet (5) acting kike stabilizers to be lowered during the lifting phase of the ashlar. The vertical lifting beam consists of a carrying ledger (7) sliding on jaws (8) to be fixed on the level structure (1) with motorized cargo winch (9) for lifting the ropes (10) having hanging sheaves (11) with blocks (12). The hooking ledger consists of a carrying beam (13) equipped with hooks and with two subordinate beams which bring the ashlar with four pins realized with threaded bars (14).

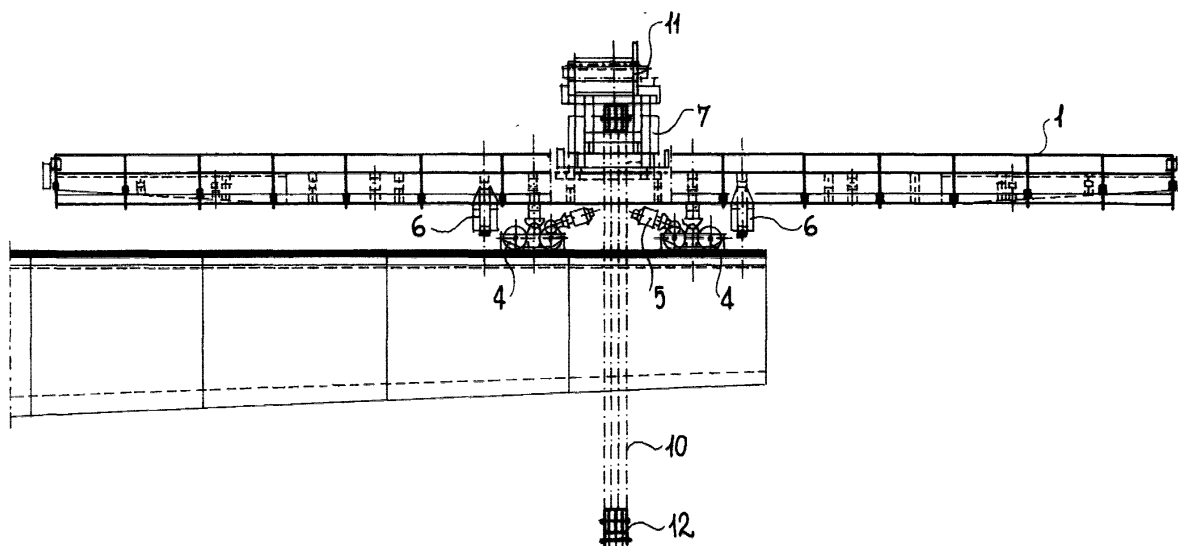


FIG.1



European Patent
Office

EUROPEAN SEARCH REPORT

Application Number
EP 00 12 6823

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Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int.Cl.7)
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Y	* column 3, line 66 - column 4, line 4 * * column 4, line 25 - line 29 * * column 5, line 4 - line 14; figures *	3	
Y	PATENT ABSTRACTS OF JAPAN vol. 1999, no. 09, 30 July 1999 (1999-07-30) -& JP 11 092082 A (KITAGAWA IRON WORKS CO LTD;KAJIMA CORP), 6 April 1999 (1999-04-06)	3	
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A	DE 27 04 033 A (BETON & MONIERBAU AG) 3 August 1978 (1978-08-03) * page 9, line 26 - line 33 * * page 11, paragraph 2; figures 1,5 *	1	TECHNICAL FIELDS SEARCHED (Int.Cl.7) E01D
The present search report has been drawn up for all claims			
Place of search THE HAGUE		Date of completion of the search 23 January 2003	Examiner Movadat, R
CATEGORY OF CITED DOCUMENTS 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 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	

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**ANNEX TO THE EUROPEAN SEARCH REPORT
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