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(54) **Interconnection device and method using such a device for connecting a reinforced concrete prefabricated beam to a reinforced concrete prefabricated pillar**

(57) An interconnection device (1) for connecting a prefabricated reinforced concrete beam (3) to a prefabricated reinforced concrete pillar (2) is provided with a first intermediate connecting element (10), which is adapted to be inserted, in part, in at least one seat (24) extending into said pillar (2) and having an upper sup-

porting plate (40) for said beam (3); and a second intermediate connecting element (11) essentially defined by a solidified non-shrink grout casting, which extends between the beam (3) and the pillar (2) and, in part, in a first and second recess (19, 32) made respectively in the pillar (2) and in the beam (3).

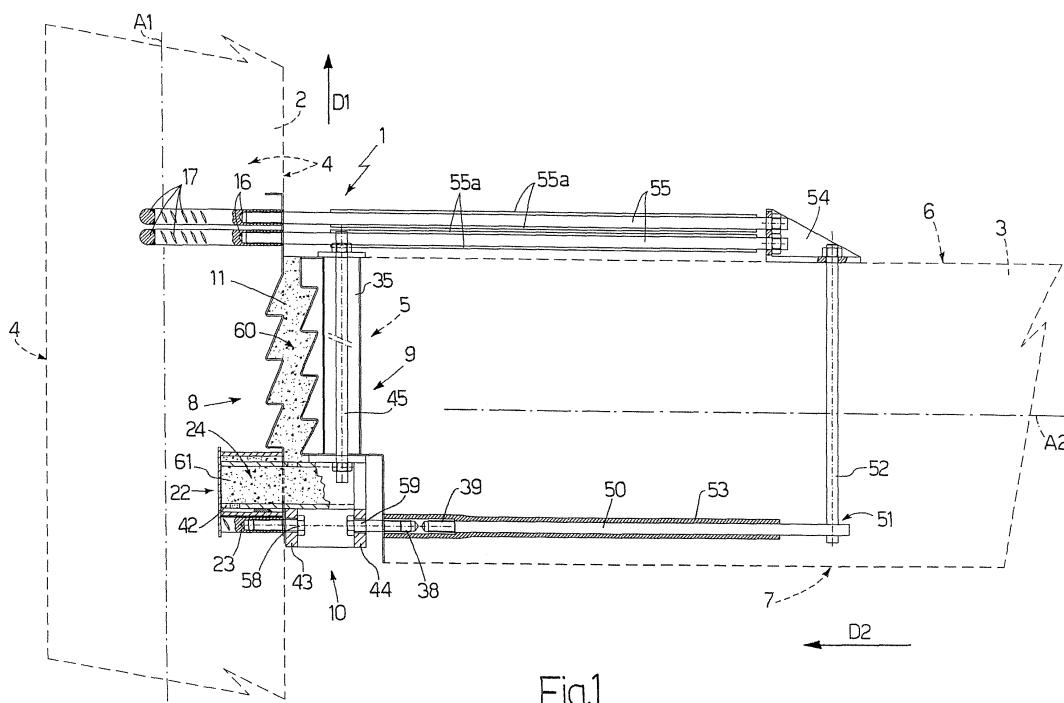


Fig.1



DOCUMENTS CONSIDERED TO BE RELEVANT			CLASSIFICATION OF THE APPLICATION (IPC)
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	
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A	* page 6, line 22 - page 7, line 13; figure 1 *	8-13	
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A	* page 12; figures 18,19 *	8-13	
A	----- US R E23 074 E (HENDERSON) 11 January 1949 (1949-01-11)	1-26	
	* column 2, line 51 - column 3, line 55; figures 1-3 *		
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The present search report has been drawn up for all claims			TECHNICAL FIELDS SEARCHED (IPC)
3	Place of search	Date of completion of the search	Examiner
	Munich	11 September 2007	Khera, Daljit
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			

**ANNEX TO THE EUROPEAN SEARCH REPORT  
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