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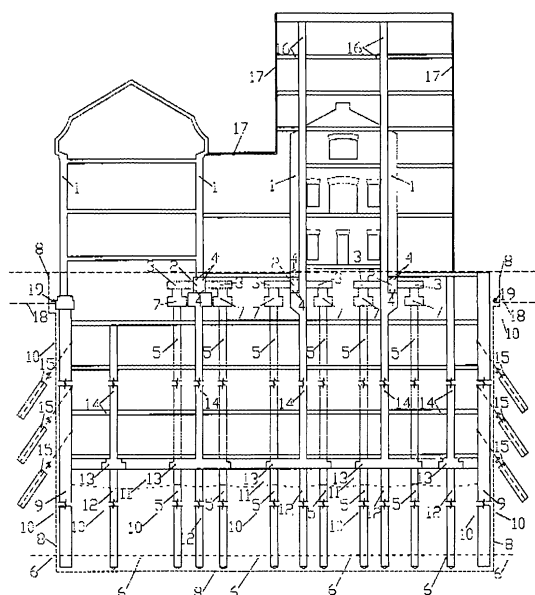
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(54) **Method for creating a building under an architectural monument**

(57) The given invention treats a method for creating a building under an architectural monument, consisting of the following stages: a rigid loadbearing structure 2, which is pre-tensioned, is created under the preserved building 1; temporary piles 5 are driven and cross-beams 3 are installed in structure 2; jacks 7 are installed between cross-beams 3 and temporary piles 5; around the underground part 8 of the preserved building 1 a loadbearing and waterproof structure 9 is created; under the under-

ground part 8, between structure 9 and temporary piles a waterproof horizontal layer 11 is created; a recess is excavated, piles 12, on-pile foundation 13 and loadbearing framework 14 are built, temporary piles 5, jacks 7, cross-beams 3 are removed, whereas the temporary piles are removed down to the on-pile foundation; new ground structures 16 are built, using a transparent material for external borders 17 in order to display the authentically preserved building 1.





EUROPEAN SEARCH REPORT

Application Number
EP 10 00 3429

DOCUMENTS CONSIDERED TO BE RELEVANT			
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (IPC)
A,D	JP S58 123925 A (TEKKEN CONSTR CO) 23 July 1983 (1983-07-23) * abstract; figure 6 *	1-5	INV. E02D27/48 E02D35/00 E04B1/35 E04G23/02 E04G23/06
A	JP 2006 274746 A (HOKOKU ENG KK) 12 October 2006 (2006-10-12) * the whole document *	1-5	
A	GB 325 093 A (JULIAN ANTHONY FORMUNT) 13 February 1930 (1930-02-13) * page 4, line 109 - page 6, line 30; figures 2-4 *	1-5	
A,D	JP H09 184144 A (TAISEI CORP) 15 July 1997 (1997-07-15) * the whole document *	1-5	
A	FR 2 647 481 A1 (COFEX [FR]) 30 November 1990 (1990-11-30) * figure 5 *	1-5	
The present search report has been drawn up for all claims			TECHNICAL FIELDS SEARCHED (IPC)
			E02D E04B E04G
Place of search		Date of completion of the search	Examiner
The Hague		10 May 2013	Leroux, Corentine
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
ON EUROPEAN PATENT APPLICATION NO.**

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This annex lists the patent family members relating to the patent documents cited in the above-mentioned European search report.
The members are as contained in the European Patent Office EDP file on
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10-05-2013

Patent document cited in search report	Publication date	Patent family member(s)	Publication date
JP S58123925 A	23-07-1983	JP S6047413 B2 JP S58123925 A	22-10-1985 23-07-1983
JP 2006274746 A	12-10-2006	JP 4703233 B2 JP 2006274746 A	15-06-2011 12-10-2006
GB 325093 A	13-02-1930	NONE	
JP H09184144 A	15-07-1997	JP 3534928 B2 JP H09184144 A	07-06-2004 15-07-1997
FR 2647481 A1	30-11-1990	FR 2647481 A1 GB 2233688 A	30-11-1990 16-01-1991