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(54) **Installation device for manufacturing vent holes in concrete elements**

(57) An installation device for implementing a vent hole in a concrete element having a concrete outer shell and inner shell, a thermal insulation between them, as well as a vent hole between the outer shell and the thermal insulation substantially along the entire area of the concrete element. According to the invention, the instal-

lation device comprises a distribution frame (2) to be connected to a pneumatic post (1), as well as a set of parallel, elongated and elastic tube elements (3, 4) that are separate from each other and extend from the distribution frame towards a particular direction, the tube elements being in a pneumatic post connection to the distribution frame.

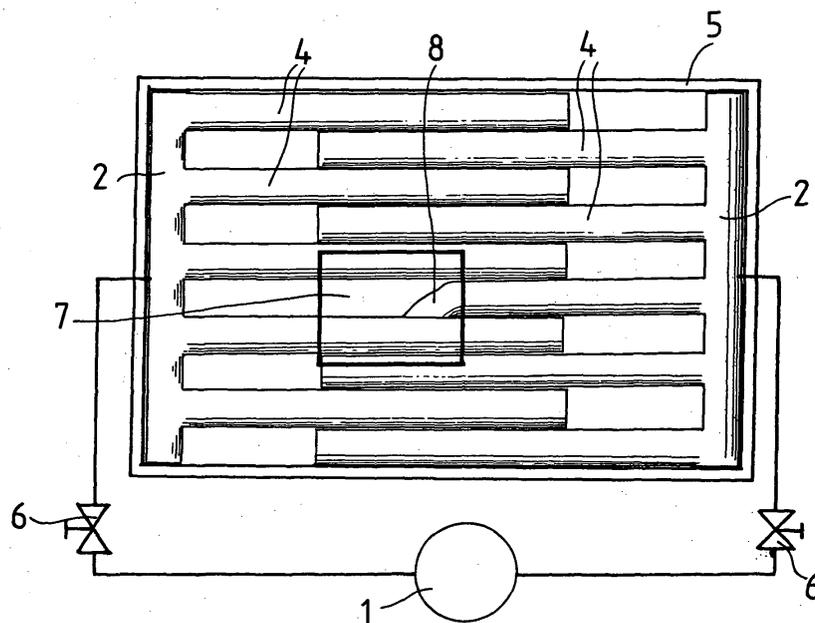


FIG 2



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.7)
X	WO 86/05229 A (BBT BETON- BAUTECHNIK GMBH; COUWENBERGS, PAUL) 12 September 1986 (1986-09-12) * page 6, line 4 - page 7, line 11; claims 1,2,8; figure 1 * * page 17, line 5 - line 34; figures 6,7 * -----	1-3,5-7,10	B28B7/32 B28B19/00
X	US 3 764 641 A (ASH A,US) 9 October 1973 (1973-10-09) * column 2, line 22 - column 3, line 28 * * column 4, line 15 - line 46; figures 1,2,4 * -----	1,4,7,8	
X	DE 882 973 C (METZGER EMIL) 13 July 1953 (1953-07-13) * page 2, column 1, line 4 - column 2, line 52; figures * -----	1,2,5-7	
X	PATENT ABSTRACTS OF JAPAN vol. 2002, no. 05, 3 May 2002 (2002-05-03) -& JP 2002 004576 A (OKAMOTO IND INC), 9 January 2002 (2002-01-09) * abstract * -----	1,4,7,8	TECHNICAL FIELDS SEARCHED (Int.Cl.7) B28B B29C E04G
The present search report has been drawn up for all claims			
Place of search The Hague		Date of completion of the search 21 October 2005	Examiner Orij, J
<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</p> <p>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</p>			

2
EPO FORM 1503 03.82 (P04/C01)

**ANNEX TO THE EUROPEAN SEARCH REPORT
ON EUROPEAN PATENT APPLICATION NO.**

EP 03 39 6119

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 the European Patent Office is in no way liable for these particulars which are merely given for the purpose of information.

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