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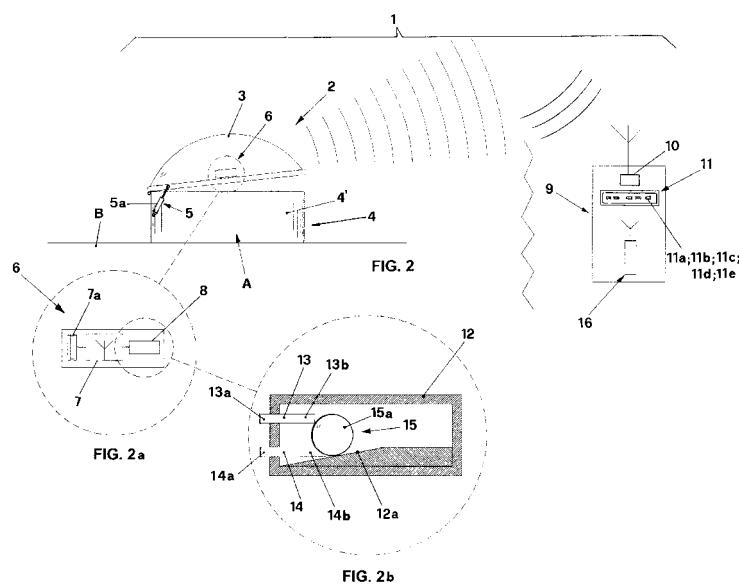
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### (54) System for opening and/or closing covering elements applied to openings made in buildings.

(57) System (1) for controlling the open and/or closed condition of one or more covering elements (2), each one of said covering elements comprising one or more covers (3) that delimit an opening (A) made in a building (B; C) and are connected to a support structure (4). The system comprises a transmitter unit (6) comprising one or more transmitters (7), each transmitter being connected to a corresponding switch (8) mechanically associated with

a corresponding cover (3) in order to activate or interrupt the emission of a radio frequency signal when the cover (3) is moved in relation to the support structure (4); a receiver unit (10) installed in a remote position from the covering elements (2) for receiving one or more radio frequency signals; means (11) for displaying the reception or interruption of the radio frequency signals, said display means (11) being electrically connected to the receiver unit (10).





## EUROPEAN SEARCH REPORT

Application Number  
EP 09 15 2318

DOCUMENTS CONSIDERED TO BE RELEVANT			CLASSIFICATION OF THE APPLICATION (IPC)
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	
X	EP 0 599 809 A (WINKHAUS FA AUGUST [DE]) 1 June 1994 (1994-06-01)	1-7, 14-17	INV. E05F15/00
Y	* column 1, line 45 - column 4, line 28 * * column 6, line 35 - column 9, line 45 * * column 11, line 45 - column 9, line 43; claims 1,5,8,11,15; figures 1-5 *	8-13	E05F15/12 E05F15/20
X	----- WO 2007/038170 A (DANIELS WILLIAM B [US]; O'HAGIN CAROLINA [US]) 5 April 2007 (2007-04-05)	1-7,12, 14-17	
Y	* paragraph [0070] - paragraph [0085]; claims 36,42; figures 5-19 *	8-13	
Y	----- GB 2 356 077 A (BRIGGS LESLIE GEORGE [GB]) 9 May 2001 (2001-05-09) * page 10, line 8 - page 11, line 2; figures 1,2 *	8-11	
Y	----- US 2005/131652 A1 (CORWIN WALLACE D [US] ET AL CORWIN WALLACE DALE [US] ET AL) 16 June 2005 (2005-06-16) * paragraph [0097]; claim 15 *	12,13	TECHNICAL FIELDS SEARCHED (IPC)
	-----		E05F G08C
The present search report has been drawn up for all claims			
3	Place of search Munich	Date of completion of the search 9 October 2009	Examiner Balice, Marco
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 C : 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  
ON EUROPEAN PATENT APPLICATION NO.**

EP 09 15 2318

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.

09-10-2009

Patent document cited in search report		Publication date		Patent family member(s)	Publication date
EP 0599809	A	01-06-1994	EP	0537805 A2	21-04-1993
			EP	0537806 A2	21-04-1993
WO 2007038170	A	05-04-2007	NONE		
GB 2356077	A	09-05-2001	NONE		
US 2005131652	A1	16-06-2005	US 2007093982 A1		26-04-2007