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(54) **Sensor systems**

(57) A sensor system is provided for use in detecting movement of an item, e.g. a picture 16, suspended from a wall or other substantially vertical structure, or for detecting movement of an item displayed or stored on a horizontal or inclined surface, the sensor system including a piezoceramic element (22) which is mounted on a metallic disc (23) which, in use, is located between the item (16) and the structure or surface, and means for detecting the generation of an output by the piezoceramic element (22) as a result of deflection of the disc (23) in either of two opposite directions as a result of movement of the item (16).

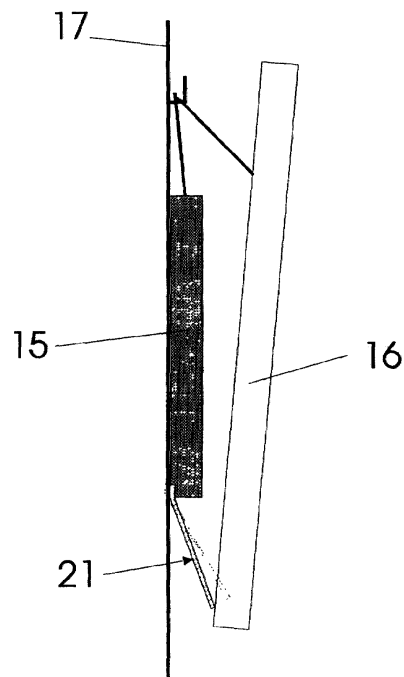


Figure 4



European Patent
Office

EUROPEAN SEARCH REPORT

Application Number
EP 00 30 9852

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	US 5 258 743 A (NELSON JON ET AL) 2 November 1993 (1993-11-02) * column 2, line 16 - column 5, line 53; figures 1-3 *	1-11	G08B13/14
A	GB 2 241 811 A (WEYRAD ELECTRONICS LTD) 11 September 1991 (1991-09-11) * page 2, line 1 - line 5; figure 2 *	1-4	
			TECHNICAL FIELDS SEARCHED (Int.Cl.7)
			G08B
The present search report has been drawn up for all claims			
Place of search MUNICH		Date of completion of the search 18 April 2002	Examiner Dascalu, A
<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>			

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

EP 00 30 9852

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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18-04-2002

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US 5258743	A	02-11-1993	NONE	
GB 2241811	A	11-09-1991	NONE	

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For more details about this annex : see Official Journal of the European Patent Office, No. 12/82