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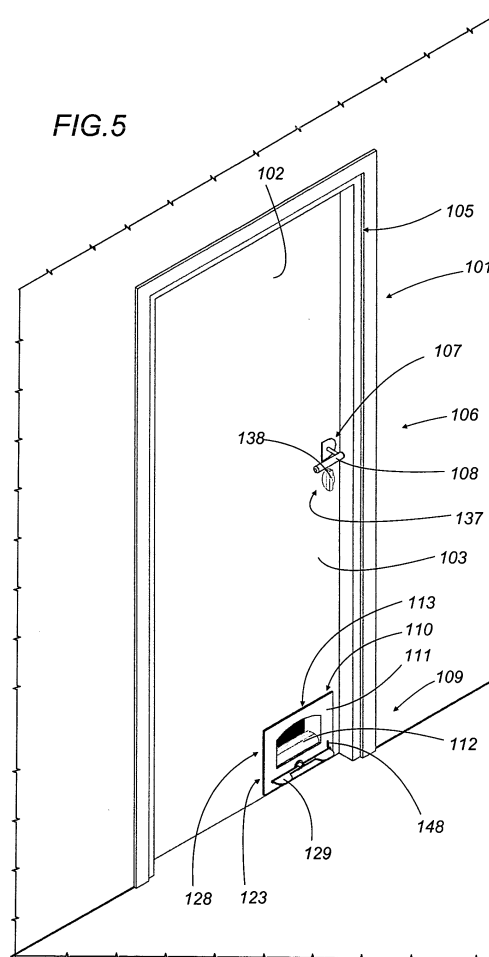
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(54) **A door opening and/or closing device**

(57) A door (1; 101), designed to be positioned along the edge of a room, is equipped with a device (100; 106) for opening and/or closing it, which has a control section (6; 107), in particular of the type with a handle, supported by a door (1; 101) panel (2; 102) and which can be operated manually both from inside and from outside the room to open and/or close the door (1; 101), and a pedal part (8a; 110), supported by a lower portion of the door (1; 101) panel (2; 102) and at least partially housed inside the panel (2; 102) so that it is accessible both from inside and from outside the room; between the pedal part (8a; 110) and the control section (6; 107) there being a transmission part (18; 118) for operating the control section (6; 107) indirectly with the pedal part (8a; 110) and the transmission part (18; 118).

FIG.5



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EUROPEAN SEARCH REPORT

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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 283 770 A (G.L. GEIGER) 28 August 1883 (1883-08-28)	1-5,9,26	E05B53/00
Y	* the whole document *	6-8	

X	DE 201 04 967 U1 (GULBA, JOACHIM) 28 June 2001 (2001-06-28)	1,2, 9-11,15, 27	
A	* page 5, paragraphs 2,3; claims 18,20; figure 1 *	5	

X	GB 1 524 872 A (BRAENDSTROEM P H ET AL) 13 September 1978 (1978-09-13)	1,9, 11-14, 20,23,27	
	* the whole document *		

X	US 1 084 830 A (J.H. & W.C. TATE) 20 January 1914 (1914-01-20)	1,3-5,9, 26	
	* the whole document *		

X	DE 423 689 C (GEORG SCHENKEL) 8 January 1926 (1926-01-08)	1-3,9,26	TECHNICAL FIELDS SEARCHED (Int.Cl.7)
Y	* the whole document *	6,8	

Y	US 4 621 848 A (PIERCE ET AL) 11 November 1986 (1986-11-11)	7	E05B
	* figure 1 *		

A	PATENT ABSTRACTS OF JAPAN vol. 016, no. 099 (M-1220), 11 March 1992 (1992-03-11) & JP 03 275868 A (TOTO LTD), 6 December 1991 (1991-12-06) * abstract; figures 1,2,4 *	1,11,26, 27	

The present search report has been drawn up for all claims			
Place of search The Hague		Date of completion of the search 26 July 2005	Examiner PEREZ MENDEZ, J
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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26-07-2005

Patent document cited in search report	Publication date	Patent family member(s)	Publication date
US 283770	A	NONE	
DE 20104967	U1	28-06-2001	NONE
GB 1524872	A	13-09-1978	SE 403161 B 31-07-1978 DE 2555592 A1 16-06-1976 DK 550975 A ,B, 14-06-1976 FI 753515 A ,B, 14-06-1976 FR 2294301 A1 09-07-1976 IT 1050065 B 10-03-1981 NO 754212 A ,B, 15-06-1976 SE 7415702 A 14-06-1976
US 1084830	A	NONE	
DE 423689	C	08-01-1926	AT 104371 B 11-10-1926 CH 116106 A 16-08-1926
US 4621848	A	11-11-1986	NONE
JP 03275868	A	06-12-1991	NONE