

Europäisches Patentamt

**European Patent Office** 

Office européen des brevets



(11) **EP 0 969 436 A3** 

(12)

## **EUROPEAN PATENT APPLICATION**

(88) Date of publication A3: **07.02.2001 Bulletin 2001/06** 

(51) Int. Cl.<sup>7</sup>: **G08B 25/04**, G08B 27/00, E06B 9/00

(43) Date of publication A2: **05.01.2000 Bulletin 2000/01** 

(21) Application number: 99201142.9

(22) Date of filing: 13.04.1999

(84) Designated Contracting States:

AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

Designated Extension States:

**AL LT LV MK RO SI** 

(30) Priority: 03.07.1998 IT MI981529

(71) Applicant: **DELTRON LTD.** 

Santon 1M4 1HA, Isle of Man (GB)

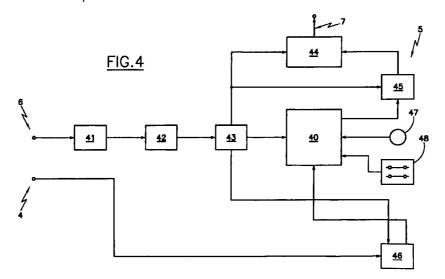
(72) Inventor: Omenigrandi, Marco 38068 Rovereto (TN) (FR)

(74) Representative: Mittler, Enrico c/o Mittler & C. s.r.l.,
Viale Lombardia, 20
20131 Milano (IT)

## (54) Perimeter alarm actuating module, particularly for a system of winding devices

(57) An actuating module (5) for perimeter alarm system is described, in particular a system comprising one or more winding devices (1), each one with a push-button panel (2) that is connected with the other ones by means of a centralisation connection line (4), in such a way that during an attempt of intrusion one or more of the winding devices (1) send on the line (4) a digital signal, which identifies a state of perimeter alarm and is

suitable to activate first alarm mechanisms (27) that are provided in said winding devices (1). The aforesaid actuating module is connected to the line (4), in such a way that, when the perimeter alarm state identifying signal gets in, it activates second alarm mechanisms external to the perimeter alarm system.





## **EUROPEAN SEARCH REPORT**

Application Number EP 99 20 1142

		ERED TO BE RELEVAN		<del></del>
Category	Citation of document with in of relevant pass	ndication, where appropriate, ages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int.CI.7)
Y	US 5 701 115 A (HEW 23 December 1997 (1 * figure 1 * * column 3, line 1-	1,3,9-12	G08B25/04 G08B27/00 E06B9/00	
Υ	US 4 758 824 A (YOU 19 July 1988 (1988- * figure 1 * * column 1, line 1-	07-19)	1,3	
Υ	US 5 751 210 A (KOS 12 May 1998 (1998-0 * figures 2-4 * * column 1, line 14 * column 2, line 10	5-12) -20 *	9,10	
Y	US 5 416 725 A (PAC 16 May 1995 (1995-0 * figures 1,7B,8D * * column 1, line 25 * column 13, line 1 * column 14, line 5	-40 * 5-30 *	.) 11,12	TECHNICAL FIELDS SEARCHED (Int.Cl.7)
A	US 5 402 101 A (BER 28 March 1995 (1995 * figures 1,2 * * column 1, line 10 * column 2, line 25	GER HORST ET AL) -03-28)	2,4-8	G08B E06B
	The present search report has t	peen drawn up for all claims		
	Place of search	Date of completion of the sea		Examiner
	THE HAGUE	6 December 20	100   Cof	fa, A
X : part Y : part docu A : tech O : non	ATEGORY OF CITED DOCUMENTS icularly relevant if taken alone icularly relevant if combined with anothern to the same category inological background—written disclosure mediate document	E : earlier pate after the fill ner D : document L : document	rinciple underlying the in ent document, but publis ing date cited in the application cited for other reasons f the same patent lamily	shed on, or

EPO FORM 1503 03.82 (P04C01)

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

EP 99 20 1142

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.

06-12-2000

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
US 5701115	Α	23-12-1997	NONE	
US 4758824	Α	19-07-1988	EP 0218341 A GB 2180976 A	15-04-19 08-04-19
US 5751210	A	12-05-1998	US 5608375 A US 5982275 A CA 2168511 A CN 1131777 A ES 2121532 A GB 2299191 A, JP 8273086 A	04-03-19 09-11-19 21-09-19 25-09-19 16-11-19 8 25-09-19
US 5416725	A	16-05-1995	AU 5537594 A WO 9505627 A US 5499196 A	14-03-19 23-02-19 12-03-19
US 5402101	Α	28-03-1995	DE 4036639 A EP 0485878 A AT 163103 T DE 59108931 D ES 2114872 T HK 1004925 A	21-05-19 20-05-19 15-02-19 12-03-19 16-06-19 11-12-19

FORM P0459

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