

(19)



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(11)

EP 0 901 113 A3

(12)

EUROPEAN PATENT APPLICATION

(88) Date of publication A3:
29.12.1999 Bulletin 1999/52

(51) Int Cl.⁶: **G08B 29/18, G08B 17/10**

(43) Date of publication A2:
10.03.1999 Bulletin 1999/10

(21) Application number: **98306527.7**

(22) Date of filing: **17.08.1998**

(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: **03.09.1997 GB 9718547**

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(54) **Insect repulsion**

(57) A fire alarm system comprising a plurality of remote alarm transducers 11, each incorporating a smoke and/or heat sensor 20 and a sounder 22. The sounders 22 emit a high frequency sound that deters insects from

entering the transducers 11 and from causing false alarms or faults. In a preferred embodiment, the sounders 22 are also arranged to emit an alarm signal in the event that smoke or heat is detected.

EP 0 901 113 A3



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EUROPEAN SEARCH REPORT

Application Number
EP 98 30 6527

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Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int.Cl.6)
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X	US 5 189 393 A (HU CHARLES C) 23 February 1993 (1993-02-23) * the whole document *	1	
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			TECHNICAL FIELDS SEARCHED (Int.Cl.6)
			G08B
The present search report has been drawn up for all claims			
Place of search THE HAGUE		Date of completion of the search 4 November 1999	Examiner Kelperis, K
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			

EPO FORM 1503 03.82 (P04C01)

**ANNEX TO THE EUROPEAN SEARCH REPORT
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EP 98 30 6527

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