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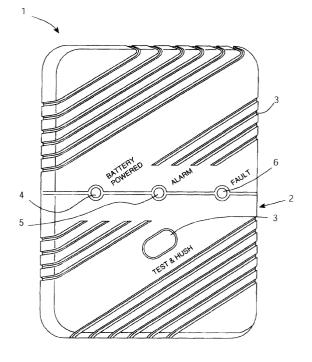
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(54) A gas sensing alarm device

(57) An alarm device (1) has a circuit (10) with a microcontroller (11) which activates a green LED (4) to indicate normal operation, a yellow LED (6) to indicate if there is a fault, and a red LED (5) to indicate an alert arising from carbon monoxide concentration exceeding a volt. If the user presses a test/hush button (3) the microcontroller indicates the peak concentration since a memory was last reset. Continuing to press the button causes the memory to be reset. This provides peace of mind to the user.





EUROPEAN SEARCH REPORT

Application Number EP 00 65 0013

	DOCUMENTS CONSID	ERED TO BE RELEVANT			
Category	Citation of document with i of relevant passa	ndication, where appropriate, ages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int.Cl.7)	
A	11 June 1996 (1996 * column 1, line 50 * column 4, line 60 * column 5, line 60 * column 10, line 20 * column 10, line 40 * column 12, line 60	0-65 * 5 - column 5, line 34 * 0-67 * 26-31 * 47 - column 11, line 7 * 50-65 * 23 - column 15, line 25;		G08B21/00 G01N33/00	
A	PATENT ABSTRACTS OF vol. 1996, no. 08, 30 August 1996 (1998 & JP 08 110252 A (F 30 April 1996 (1998 * abstract *	96-08-30) FUJI ELECTRIC CO LTD),	12		
				TECHNICAL FIELDS SEARCHED (Int.CI.7) G08B G01N	
	The present search report has I	oeen drawn up for all claims			
	Place of search	Date of completion of the search		Examiner	
	MUNICH	30 January 2003	Wri	ght, J	
X : partidocu Y : partidocu A : techi O : non-	TEGORY OF CITED DOCUMENTS cularly relevant if taken alone cularly relevant if combined with anot ment of the same category nological background written disclosure mediate document	L : document cited for	cument, but publis e n the application or other reasons	hed on, or	

EPO FORM 1503 03.82 (P04C01)



Application Number

EP 00 65 0013

CLAIMS INCURRING FEES							
The present European patent application comprised at the time of filing more than ten claims.							
Only part of the claims have been paid within the prescribed time limit. The present European search report has been drawn up for the first ten claims and for those claims for which claims fees have been paid, namely claim(s):							
No claims fees have been paid within the prescribed time limit. The present European search report has been drawn up for the first ten claims.							
LACK OF UNITY OF INVENTION							
The Search Division considers that the present European patent application does not comply with the requirements of unity of invention and relates to several inventions or groups of inventions, namely:							
see sheet B							
All further search fees have been paid within the fixed time limit. The present European search report has been drawn up for all claims.							
As all searchable claims could be searched without effort justifying an additional fee, the Search Division did not invite payment of any additional fee.							
Only part of the further search fees have been paid within the fixed time limit. The present European search report has been drawn up for those parts of the European patent application which relate to the inventions in respect of which search fees have been paid, namely claims:							
None of the further search fees have been paid within the fixed time limit. The present European search report has been drawn up for those parts of the European patent application which relate to the invention first mentioned in the claims, namely claims:							



LACK OF UNITY OF INVENTION SHEET B

Application Number EP 00 65 0013

The Search Division considers that the present European patent application does not comply with the requirements of unity of invention and relates to several inventions or groups of inventions, namely:

1. Claims: 1-11

Gas sensing alarm device with a particular arrangement of generating an alert based on historic gas level data $\,$

2. Claims: 12-13

Mthod of programming an alarm device according to claims 1-11.

3. Claims: 14-17

Method of calibrating a CO sensng device, including the steps of placing the device in a particular atmosphere and writing calibration data to the sensor.

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

EP 00 65 0013

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.

30-01-2003

	Patent document cited in search repo	t ort	Publication date		Patent fam member(s	ily s)	Publication date
US	5526280	Α	11-06-1996	AU WO	2399895 9530144	A A1	29-11-1995 09-11-1995
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