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(54) **An alarm controller**

(57) A controller (1) for a smoke, heat, and carbon monoxide alarm system automatically assigns one of a plurality of commands to a common user action button (10) press, according to circumstances. It assigns a test command if all of the alarm devices are in standby, a locate command if any of the alarm devices are alarming,

and a hush command if its last command was a locate command. The processor activates output indicators to provide alarm condition information to a user, and there is a dedicated indicator (21-23) for each sensed condition. The processor controls the indicators (24-27) to inform the user of the command which would be assigned to a next button (10) press.

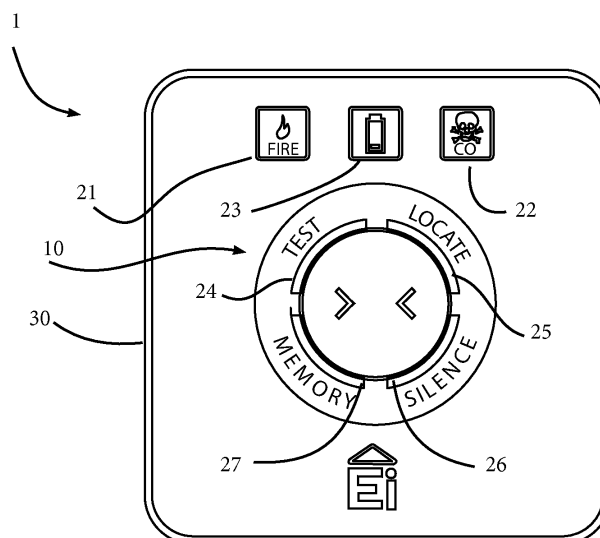


Fig.2(a)



## EUROPEAN SEARCH REPORT

Application Number  
EP 12 18 6795

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Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (IPC)
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The present search report has been drawn up for all claims			
Place of search The Hague		Date of completion of the search 17 January 2014	Examiner de la Cruz Valera, D
<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</p> <p>&amp; : member of the same patent family, corresponding document</p>			

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EPO FORM 1503 03.82 (P04C01)

**ANNEX TO THE EUROPEAN SEARCH REPORT  
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EP 12 18 6795

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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