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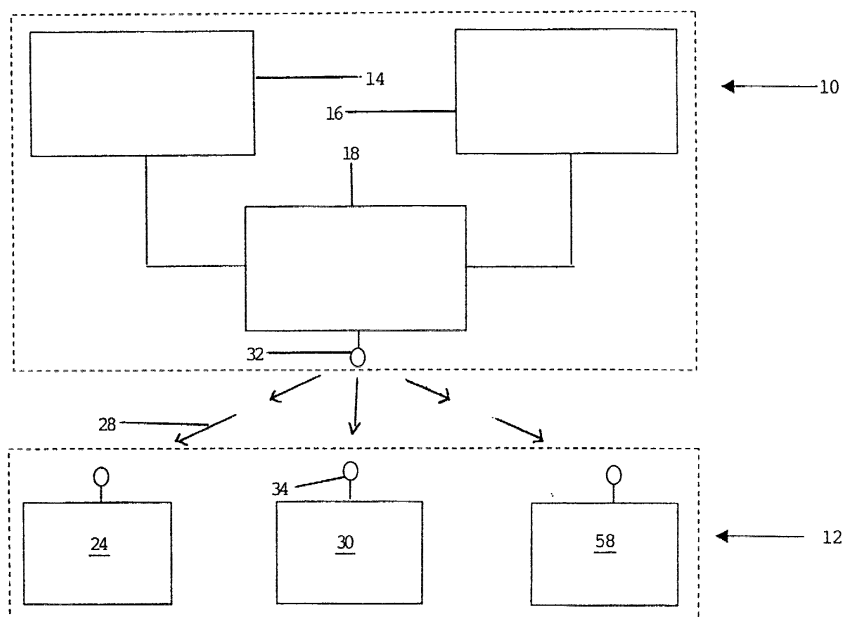
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(54) **Device for automatically controlling an air maintenance system**

(57) A device (10) for automatically controlling an air maintenance system (12) is disclosed. The device uses a Passive Infra-Red (PIR) detector (14) to count the number of movements within an enclosed space during a specified time period. Readings from a temperature sensor (16) may also be included. A processor (18) then

estimates the number of people within the enclosed space and thereby activates the air maintenance system (12) at a suitable activation level. Preferably, a PIR detector (14) with no latching-on period is provided. Communication between the processor (18) and the air maintenance system is preferably by way of a radio transceiver (32).

FIGURE 1





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EUROPEAN SEARCH REPORT

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Place of search THE HAGUE		Date of completion of the search 16 September 2002	Examiner De Graaf, J.D.
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