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(54) **Security system**

(57) An anti-theft device (8) comprises an accelerometer unit (4), a microprocessor unit (2) and a charge of a pyrotechnic composition (9) containing a dyestuff (10). The device (8) may be concealed within a bundle of real or imitation banknotes. The device (8) is activated when the accelerometer unit (4) detects that the orientation of the device (8) has changed by 45° or more. The microprocessor unit (2) is programmed to use data from the accelerometer unit (4) to calculate a distance traversed by the device (8) from a rest position, and a total acceleration experienced thereby. When the distance traversed exceeds a preselected distance, for example fifty meters, or when the total acceleration experienced exceeds a preset threshold limit, the microprocessor unit (2) sets off the pyrotechnic composition (9), which generates clouds of coloured smoke, to indicate that a theft is in progress, to impede a thief's escape and to stain stolen banknotes and the thief's person.

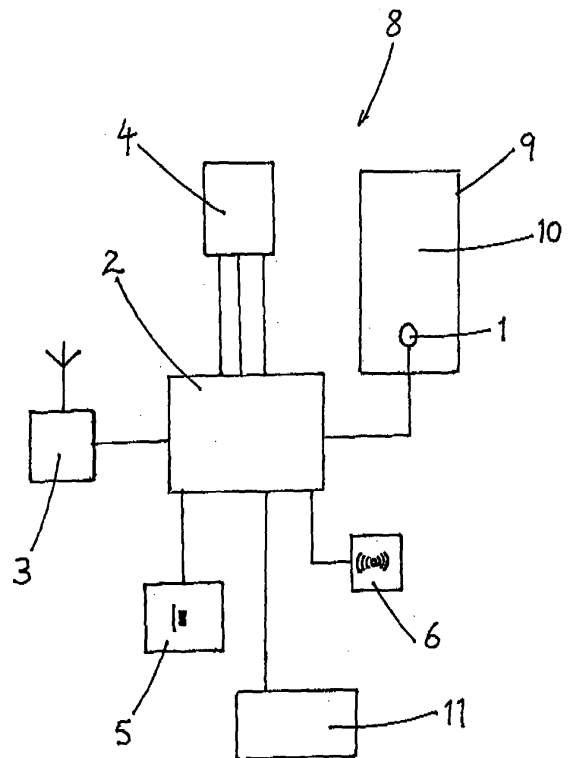


Fig 1

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EUROPEAN SEARCH REPORT

Application Number  
EP 08 01 6201

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The present search report has been drawn up for all claims			
Place of search		Date of completion of the search	Examiner
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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	

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EPO FORM 1503 03.82 (P04C01)

ANNEX TO THE EUROPEAN SEARCH REPORT  
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