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Europäisches Patentamt  
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Office européen des brevets

11 Publication number:

**0 219 574  
A3**

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# EUROPEAN PATENT APPLICATION

21 Application number: **85116387.3**

51 Int. Cl.4: **G07D 5/02 , G07F 3/00**

22 Date of filing: **20.12.85**

30 Priority: **16.10.85 ES 547918**

43 Date of publication of application:  
**29.04.87 Bulletin 87/18**

64 Designated Contracting States:  
**AT BE CH DE FR GB IT LI LU NL SE**

68 Date of deferred publication of the search report:  
**13.01.88 Bulletin 88/02**

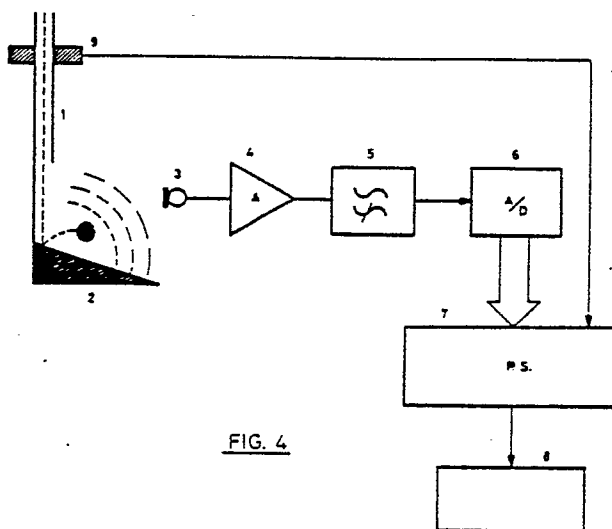
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54 **A method for the identification of coins.**

57 A method and apparatus for the identification of coins are described, in which a mechanical excitation is applied to the coin by means of an impact which produces an acoustical signal, that is collected by an electronic system transforming it into an electrical signal, that is amplified and filtered to be subsequently analysed according to the Fourier transform, for its identification and control, through a comparison with a standard of frequencies, together with the measurement of the diameter, said coin being accepted if there is an agreement between the frequencies of the acoustical signal and the standard of frequencies corresponding to the detected diameter, and discarded in the opposite case.



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DOCUMENTS CONSIDERED TO BE RELEVANT			
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int. Cl.4)
Y	DE-A-2 005 038 (MÜNZPRÜFER WALTER HANKE) * Figures; claims *	1, 2, 4, 5	G 07 F 3/00 G 07 D 5/02
A	---	3	
Y	US-A-3 147 839 (R.B. WHITE)  * Figures 20, 26, 37-40; column 16, line 54 - column 17, line 2; col- umn 17, lines 31-43 *	1, 2, 4, 5	
A	FR-A-2 359 468 (CROUZET) * Whole document *	1, 5, 7	
A	FR-A-2 103 318 (TICKET EQUIPMENT) * Page 3, line 38 - page 4, line 9; figure 1; claims *	1-6	TECHNICAL FIELDS SEARCHED (Int. Cl.4)  G 07 F G 07 D
A	DE-A-2 017 390 (MAKO APPARATEBAU) * Figures; claims *	1-5, 7	
A	US-A-3 939 953 (K. MIYAZAWA)		
A	CH-A- 591 126 (RET)  --- -/-		
The present search report has been drawn up for all claims			
Place of search THE HAGUE		Date of completion of the search 30-10-1987	Examiner DAVID J.Y.H.
<b>CATEGORY OF CITED DOCUMENTS</b> 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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DOCUMENTS CONSIDERED TO BE RELEVANT

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E	CH-A- 656 240 (JAQUET C.E.) * Whole document *  -----	1-5,7	
			TECHNICAL FIELDS SEARCHED (Int. Cl.4)
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