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EUROPEAN PATENT APPLICATION

21 Application number: **83304332.6**

51 Int. Cl.⁴: **G 07 D 5/08, G 07 F 3/02**

22 Date of filing: **27.07.83**

30 Priority: **03.08.82 GB 8222343**

71 Applicant: **Shaw, Arthur, 99 Broomfield Road, Coventry CV5 6LA (GB)**
 Applicant: **Diver, John, 24 Tamworth Road, Coventry CV6 2EL (GB)**

43 Date of publication of application: **15.02.84**
Bulletin 84/7

72 Inventor: **Shaw, Arthur, 99 Broomfield Road, Coventry CV5 6LA (GB)**
 Inventor: **Diver, John, 24 Tamworth Road, Coventry CV6 2EL (GB)**

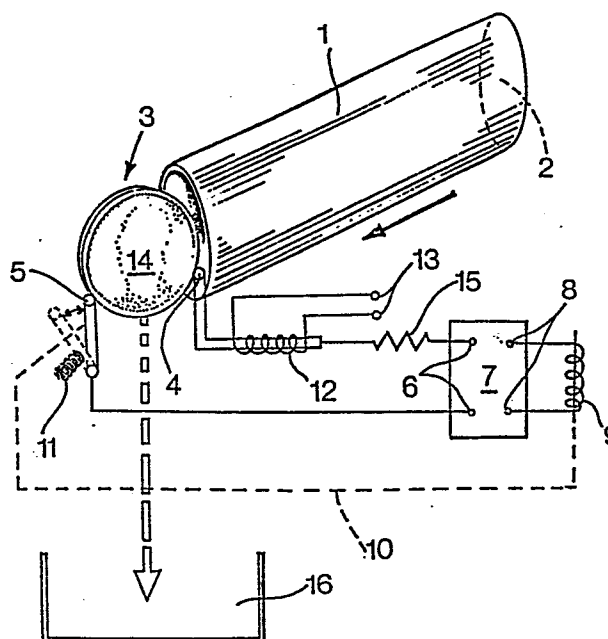
84 Designated Contracting States: **AT BE CH DE FR GB IT LI LU NL SE**

88 Date of deferred publication of search report: **22.05.85 Bulletin 85/21**

74 Representative: **Anderson, John Robert Browning et al, WALFORD & HARDMAN BROWN Trinity House Hales Street, Coventry, CV1 1NP (GB)**

54 Control means responsive to the presence of an article of a particular metal or alloy.

57 A control device particularly for detecting the insertion of an incorrect coin or a counterfeit coin into a coin-actuated or coin-free machine. The coin engages between a heated electrode (4) and an unheated conductor (5) and so the coin together with the electrode (4) and the conductor (5) forms «hot» and «cold» junctions. This generates an e.m.f. by a thermo-couple or the Seebeck effect. When the coin is made of the correct metal or quantity of metal the e.m.f. generated is sufficient to actuate a relay (9) to release the coin to actuate the machine or free it for actuation. Where the e.m.f. is insufficient the machine will remain inoperable. In that case the coin will be released after a predetermined time without operation of the machine.





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. ³)												
X	US-A-2 318 520 (W. PATZER) * Page 1, right-hand column, line 23 - page 2, right-hand column, line 68; figures *	1,2 4-8	G 07 D 5/08 G 07 F 3/02												
A	DE-A-2 644 018 (J. EIBEN) * Page 5 "Nebenanspruch" 1N and 1N1; page 9; figure 1N1 *	1,3, 9,10													
X	US-A-2 335 369 (F.E.A. WALLIN) * Claims and figures *	1,2 4-8													
A	US-A-2 288 014 (J.F. MULLEN)														
A	US-A-2 327 945 (F.E.A. WALLIN)		TECHNICAL FIELDS SEARCHED (Int. Cl. ³)												
A	US-A-2 315 174 (F.E.A. WALLIN)		G 07 F G 07 D												
The present search report has been drawn up for all claims															
Place of search THE HAGUE		Date of completion of the search 06-12-1984	Examiner DAVID J.Y.H.												
<table border="0"><tr><td>CATEGORY OF CITED DOCUMENTS</td><td>T : theory or principle underlying the invention</td></tr><tr><td>X : particularly relevant if taken alone</td><td>E : earlier patent document, but published on, or after the filing date</td></tr><tr><td>Y : particularly relevant if combined with another document of the same category</td><td>D : document cited in the application</td></tr><tr><td>A : technological background</td><td>L : document cited for other reasons</td></tr><tr><td>O : non-written disclosure</td><td>& : member of the same patent family, corresponding document</td></tr><tr><td>P : intermediate document</td><td></td></tr></table>				CATEGORY OF CITED DOCUMENTS	T : theory or principle underlying the invention	X : particularly relevant if taken alone	E : earlier patent document, but published on, or after the filing date	Y : particularly relevant if combined with another document of the same category	D : document cited in the application	A : technological background	L : document cited for other reasons	O : non-written disclosure	& : member of the same patent family, corresponding document	P : intermediate document	
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