

12

EUROPEAN PATENT APPLICATION

21 Application number: 88306690.4

51 Int. Cl.4: G07D 5/08 , G07F 3/02

22 Date of filing: 21.07.88

30 Priority: 23.07.87 GB 8717493

43 Date of publication of application:
25.01.89 Bulletin 89/04

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

88 Date of deferred publication of the search report:
31.01.90 Bulletin 90/05

71 Applicant: **SCAN COIN AB**
Jägershillgatan 26
S-213 75 Malmö(SE)

72 Inventor: **Howells, Geoffrey**
24, Pitreavie Road
Cosham Portsmouth Hampshire, PO6
2ST(GB)

74 Representative: **Lomas, Geoffrey Michael et al**
BARKER, BRETTELL & DUNCAN 138 Hagley
Road Edgbaston
Birmingham B16 9PW(GB)

54 Coin discriminator.

57 A coin (5) under test is subjected to the changing magnetic field produced by pulsing of a test coil (1), and the decay of the resulting eddy currents in the coin is monitored by monitoring the coil voltage induced by the eddy currents. The times T_1 and T_2 at which the coil voltage falls through voltage levels V_1 and V_2 is measured by comparators (COMP 1, COMP 2) and a microcomputer (7), and those times are compared by microcomputer (7) with stored reference values to help determine the coin type.

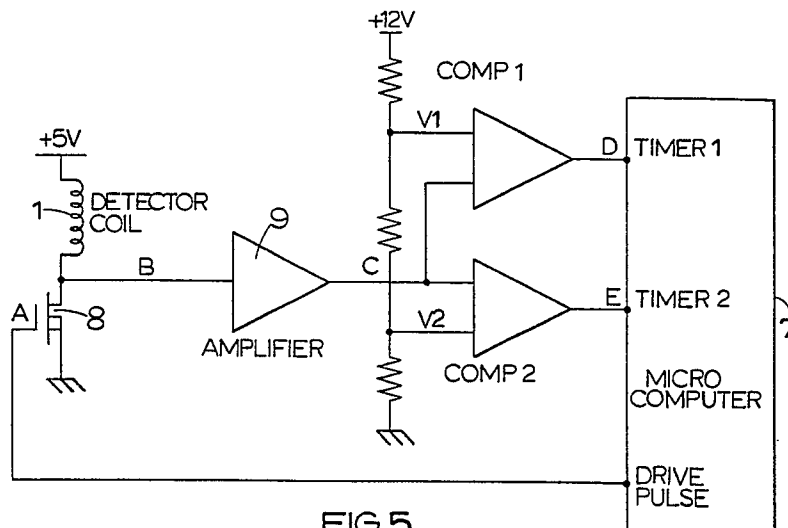


FIG. 5.



DOCUMENTS CONSIDERED TO BE RELEVANT			EP 88306690.4
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int. Cl. 4)
X	EP - A1 - 0 119 000 (CHAPMAN CASH PROCESSING LIMITED) * Totality * --	1-4	G 07 D 5/08 G 07 F 3/02
A	GB - A - 2 135 492 (CHAPMAN CASH PROCESSING LIMITED) * Totality * --	1	
D,A	GB - A - 2 041 532 (THE PLESSEY COMPANY LIMITED) * Totality * ----	1	
			TECHNICAL FIELDS SEARCHED (Int. Cl. 4)
			G 01 V 3/00 G 07 D 5/00 G 07 F 3/00
The present search report has been drawn up for all claims			
Place of search VIENNA		Date of completion of the search 24-11-1989	Examiner BEHMER
CATEGORY OF CITED DOCUMENTS			
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	