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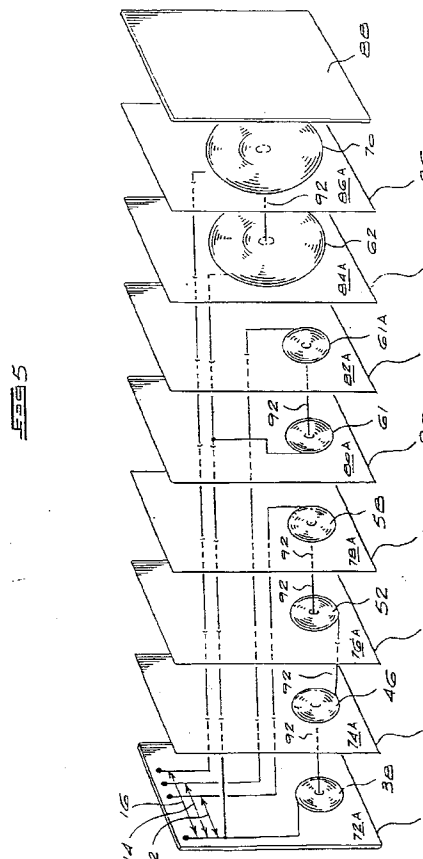
(71) Applicant : **TELKOR (PROPRIETARY) LIMITED**
185 Katherine Street, Eastgate Extension 4,
Sandton, Transvaal (ZA)

(72) Inventor : **Variawa, Omar Farouk**
107 Lovedale Street
Lichtenburg, Transvaal (ZA)
Inventor : **Simmonds, Edward Shane**
7 Kings Road, Wendywood
Sandton, Transvaal (ZA)
Inventor : **Botha, Jacobus Theron**
Mayo Farm, Olivia Street, Garsfontein
Pretoria, Transvaal (ZA)
Inventor : **Chinneck, Edgar Herbert**
61 Lurgan Road, Parkview
Johannesburg, Transvaal (ZA)
Inventor : **Kowalczyk, Piotr Leonard**
505 President Flats, President Street
Krugersdorp, Transvaal (ZA)

(74) Representative : **Leale, Robin George**
FRANK B. DEHN & CO. Imperial House 15-19
Kingsway
London WC2B 6UZ (GB)

(54) **Coil arrangement and static measuring device.**

(57) The invention relates to an inductive coil arrangement (18) for measuring the physical characteristics of a token (26). The coil arrangement (18) comprises a plurality of inductors (12,14,16), each inductor being formed out of at least two superposed planar spiral tracks (28,46,52,58,61,61A,62,70) separated by an insulating layer (72A,74A,76A,78A,80A,82A,84A,86A) of a multi-layer electrical device (72,74,76,78,80,82,84,86), such as a plurality of printed circuit boards which are laminated together. Conductive paths (92) extend axially between the tracks. The invention extends to a method of manufacturing the inductive coil arrangement, as well as a token validation device (10) incorporating the inductive coil arrangement.





European Patent
Office

EUROPEAN SEARCH REPORT

Application Number

EP 92 30 1401

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.5)
X	US-A-4 441 602 (OSTROSKI) * abstract *	1,7-10	G07D5/08 G07F3/02
A	* column 3, line 1 - line 24 *	3,4	
Y	* column 5, line 27 - line 59 * ---	2	
Y	US-A-4 742 903 (BERNHARD TRUMMER)	2	
A	* column 8, line 56 - column 9, line 44 * ---	6,11-13	
A	WO-A-8 600 410 (DIGITAL PRODUCTS CORPORATION) * page 18, line 1 - page 19, line 12 * -----	1-5	
			TECHNICAL FIELDS SEARCHED (Int. Cl.5)
			G07D G07F
The present search report has been drawn up for all claims			
Place of search THE HAGUE		Date of completion of the search 18 MAY 1993	Examiner TACCOEN J-F.P.L.
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			

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