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EUROPEAN PATENT APPLICATION

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⑦① Applicant: **SINCLAIR RESEARCH LIMITED, 25 Willis Road, Cambridge CB1 2AQ (GB)**

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⑦② Inventor: **Beesley, Graham Edgar, 20 Kings Orchard, Oakley Basingstoke Hampshire RG23 7AX (GB)**

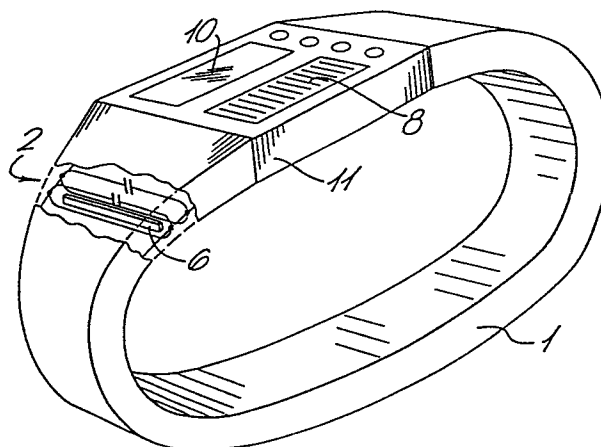
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⑦④ Representative: **Carpmael, John William Maurice, CARPMAELS & RANSFORD 43 Bloomsbury Square, London, WC1A 2RA (GB)**

⑤④ **Aerial coupling device.**

⑤⑦ An aerial coupling device enables an electronic circuit, such as a radio receiver or transmitter to be coupled to a body which then acts as an aerial. The aerial coupling device comprises one or more inductive elements (3) which may be part of respective resonating circuits (2), supported by a bracelet or wrist strap (1). Each inductive element (3) includes one or more loops or coils, which may be wound on a ferrite core (6), the loops or coils extending in the direction of the arm, i.e. being transverse to the longitudinal axis of the bracelet or wrist strap. A case, such as a watch case (9), attached to the bracelet or wrist strap (1) houses receiver or transmitter circuitry (7) and optionally a timing circuit and a time display (10). The aerial coupling device may also be incorporated in other means, such as belt.





European Patent
Office

EUROPEAN SEARCH REPORT

0100639
Application number

EP 83 30 4287

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-3 902 118 (K. IKRATH et al.) * Column 1, line 51 - column 2, line 9; column 2, line 25 - column 3, line 6; figures 1-6 *	1-3, 6-9	H 01 Q 1/27 H 01 Q 1/44
Y	---	10	
X	DE-A-2 938 584 (BATTELLE-INSTITUT) * Page 8, line 14 - page 10, line 26; figures 2-5 *	1, 6	
Y	---	10	
	PATENTS ABSTRACTS OF JAPAN, vol. 6, no. 55 (E-101)[933], 10th April 1982; & JP - A - 56 169 401 (SHIYUICHI SAKAI) 26-12-1981		TECHNICAL FIELDS SEARCHED (Int. Cl. ³)
A	---	4	H 01 Q
	US-A-3 098 231 (W.E. ST. VRAIN et al.) * Column 2, line 46 - column 3, line 17; figure *		
A	---	1, 3, 6, 8, 9	
	DE-B-1 272 384 (FUNKE & HUSTER) * Column 2, line 31 - column 4, line 5, figures 1, 2 *		
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The present search report has been drawn up for all claims			
Place of search THE HAGUE		Date of completion of the search 21-11-1985	Examiner MARCHAU M.F.
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	



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)
A	US-A-2 470 687 (O.G. CAFRELLA et al.) * Column 1, lines 7-30; figure 1 * -----	1,3,6, 8,9	
			TECHNICAL FIELDS SEARCHED (Int. Cl. ³)
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