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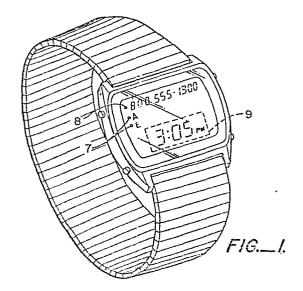
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(54) Pager watch system utilizing time slot communication.

(57) A method and apparatus for transmitting paging and absolute time information to, and receiving such information at, a remote portable electronic timepiece and pager unit during a short time slot assigned to the pager unit is disclosed. In the pager unit, an oscillator is coupled to a timer which produces a time display (9). These functions are constantly powered. The timer periodically causes power to be supplied to a receiver and message decoding components of the pager unit during a short time slot in which transmitted data is to be received. The receiver detects and reconstitutes a transmitted signal. The transmitted signal is processed through a decoder which extracts paging and time update data. If the paging data includes the pager unit's ID number, the unit indicates that a page has been received. The time update data extracted from the transmitted signal is used to synchronize a timer in the pager unit. The timer provides an accurate time indication for the watch function. The same timer additionally determines when power is supplied to the pager unit's receiver and message decoder components so that they will be powered during the short time slot.





EUROPEAN SEARCH REPORT

Application Number

EP 85 10 7635

Category	Citation of document with in of relevant page	dication, where appropriate,	Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int. Cl.4)
Α	FR-A-2 232 006 (CI LTD) * Page 14, line 4 - figures *	TIZEN WATCH CO.,	1,5,7-	G 04 G 1/00 G 08 B 3/10
A	US-A-4 086 537 (S. * Column 4, lines 2 25 - column 8, line	9-59; column 7, line	1,2,7,	
A	EP-A-0 124 788 (NE * Figures *	C CORP.)	1,2,4,7 ,8,10	
A	DE-A-2 918 531 (PR * Page 12, last par paragraph 2 *		1,6	
Α	US-A-3 861 134 (M.	F. CHACON et al.)	1	•
Α	DE-A-2 606 691 (B.	BLÜTHGEN)	1	
E .	EP-A-0 177 971 (NE * Page 31, line 24 figures *	C CORP.) - page 33, line 8;		TECHNICAL FIELDS SEARCHED (Int. Cl.4) G 04 G H 04 Q G 08 B H 04 B
	The present search report has I	Date of completion of the search	h	Examiner
		11-12-1987	١	MANS U.G.J.R.
THE HAGUE 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		E : earlier pate after the fi nother D : document o L : document o	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	