

Title (en)  
PAGER WATCH SYSTEM UTILIZING TIME SLOT COMMUNICATION

Publication  
**EP 0184606 A3 19880330 (EN)**

Application  
**EP 85107635 A 19850620**

Priority  
US 67860384 A 19841205

Abstract (en)  
[origin: EP0184606A2] 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. 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.

IPC 1-7  
**G04G 1/00**; **G08B 3/10**

IPC 8 full level  
**G04G 21/04** (2013.01); **G08B 3/10** (2006.01); **H04M 3/42** (2006.01); **G08B 5/22** (2006.01); **H04B 7/26** (2006.01); **H04W 52/02** (2009.01); **H04W 84/02** (2009.01)

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**EP 85107635 A 19850620**; CA 496881 A 19851204; ES 549571 A 19851204; IT 4887085 A 19851203; JP 17870685 A 19850815