

WIRELESS COMMUNICATION PROTOCOL FOR LOW POWER RECEIVERS

ABSTRACT

A wireless protocol for a communication system is set forth herein which may be utilized for communication between a transmitter and a receiver over any type of communication channel. The wireless communication protocol provides for the reduction of receiver active or on time which in turn lowers power consumption. The wireless communication protocol enables the complexity and receiver size to be reduced. The methodology employed in the protocol utilizes a unique message frame in conjunction with repeated transmission and periodic receiver searching.

Fig. 1