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METHOD AND SYSTEM FOR IMPULSE RADIO WAKEUP

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Abstract of US2010216523 (A1)

Communication networks are implemented using a variety of devices and methods. In a particular embodiment for use in a communication network having RF-communication devices that communicate using a RF protocol, an RF-communication device is implemented with an RF transceiver (110) to communicate over the network using the RF protocol and being controllable in a reduced power-consumption mode in which the RF transceiver does not communicate over the network. The device also includes an RF receiver (104, 106) including an envelope detector (104) and a pulse generator circuit (106).; The envelope detector circuit (104) providing an envelope-based signal to a pulse generator circuit (106) that, in response to the envelope-based signal and after generating a number of pulses that exceeds a predetermined number of pulses, prompts the RF transceiver (110) to transition out of the reduced power-consumption mode.

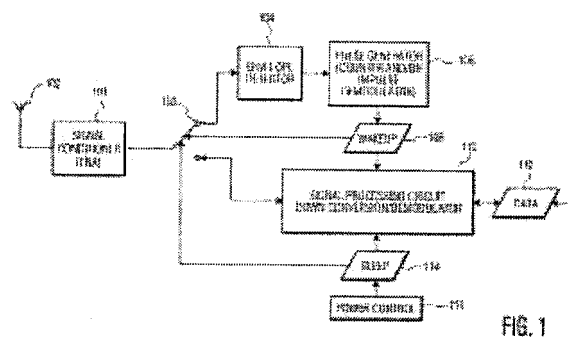


FIG. 1