

ABSTRACT:

Enhanced power saving method for handheld communication system and the handheld communication system thereof

An enhanced power saving method for operating a battery powered handheld communication system, particularly a cordless phone system, and the communication system constructed in accordance with the power saving method are disclosed. The power saving method comprises an algorithm which divides the standby
5 time of the communication system into a scanning mode and a sleep mode of several different levels to allow the system to enter the scanning mode intermittently. Each level of the sleep mode corresponds to a given length of delay time between two successive scanning periods. The communication system enters different levels of the sleep mode in accordance with the standby time history. The longer the standby time has passed,
10 the longer the sleep time of the level that the system may enter is to cut down the scan rate when the system is not used for a long while.

Fig. 12.

