

Title (en)

A LOW-POWER WIRELESS BEACONING NETWORK SUPPORTING PROXIMAL FORMATION, SEPARATION AND REFORMATION

Title (de)

DRAHTLOSES KABELNETZWERK MIT GERINGER LEISTUNG, PROXIMALE AUSBILDUNG, ENTFERNUNG UND WIEDERHERSTELLUNG

Title (fr)

RESEAU DE BALISAGE DE FAIBLE PUISSANCE SANS FIL A FONCTION DE FORMATION, SEPARATION ET RESTRUCTURATION EN MODE PROXIMAL

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Application

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Abstract (en)

[origin: WO9835453A1] A low power wireless communication (personal LAN) system (100) includes a plurality of wireless devices (105, 107, 109, 111) with each wireless device including a radio transceiver. The radio transceiver may take the form of an insertable card (117) that fits within a slot in the wireless device. The plurality of wireless devices (105, 107, 109, 111) establishes a wireless network (100) with at least two of the plurality of wireless devices (105, 107, 109, 111) share beaconing responsibilities to coordinate operation of the wireless network (100). One of the plurality of wireless devices (105, 107, 109, 111) may separate from the wireless network to become a separated wireless device. In such case, at least one of the wireless devices attempts to reestablish communications with the separated wireless device. The wireless devices (105, 107, 109, 111) may establish the wireless network when proximate to one another and operating at a lower power level while continuing operation at a higher power level.

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