

Title (en)

FRAME STRUCTURE OF SUPERFRAME TRANSMITTED IN WIRELESS NETWORK, METHOD FOR TRANSMITTING THE SUPERFRAME, AND METHOD FOR CONTROLLING DEVICES' WAKEUP BY USING THE SUPERFRAME

Title (de)

RAHMENSTRUKTUR EINES IN EINEM DRAHTLOSEN NETZWERK GESENDETEN SUPERRAHMENS, VERFAHREN ZUM SENDEN DES SUPERRAHMENS UND VERFAHREN ZUR STEUERUNG DES AUFWECKENS VON EINRICHTUNGEN UNTER VERWENDUNG DES SUPERRAHMENS

Title (fr)

STRUCTURE DE TRAME D'UNE SUPERTRAME TRANSMISE DANS UN RESEAU RADIO, PROCEDE DE TRANSMISSION DE LA SUPERTRAME ET PROCEDE DE COMMANDE D'ACTIVATION DES DISPOSITIFS EN UTILISANT LA SUPERTRAME

Publication

**EP 1900176 A4 20110803 (EN)**

Application

**EP 06769185 A 20060706**

Priority

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Abstract (en)

[origin: WO2007004854A1] A PAL defined in a MAC of a wireless communication network, and more particularly, a superframe structure and a method of synchronization of wakeup periods among devices in the wireless communication network, is provided. The superframe transmitted/received in a WPAN includes: a LWS period field including period information of a superframe where a device is awake; and an LWS Countdown field including information of a number of remaining superframes to be transmitted until the superframe where the device is awake is transmitted.

IPC 8 full level

**H04L 29/06** (2006.01)

CPC (source: EP KR)

**H04W 52/0216** (2013.01 - EP KR); **H04W 84/18** (2013.01 - KR); **H04W 84/18** (2013.01 - EP); **Y02D 30/70** (2020.08 - EP)

Citation (search report)

- [I] US 2004264397 A1 20041230 - BENVENISTE MATHILDE [US]
- [A] US 5625882 A 19970429 - VOOK FREDERICK W [US], et al
- [A] WO 0010354 A1 20000224 - QUALCOMM INC [US]
- [A] US 5905443 A 19990518 - OLDS KEITH ANDREW [US], et al
- See references of WO 2007004854A1

Designated contracting state (EPC)

DE FR GB

DOCDB simple family (publication)

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