Title (en)

ADAPTIVE INACTIVITY TIMEOUT MANAGEMENT

Title (de)

ADAPTIVE VERWALTUNG VON INAKTIVITÄTSZEITÜBERSCHREITUNG

Title (fr)

GESTION ADAPTATIVE DE DÉLAI D'INACTIVITÉ

Publication

EP 3476159 A4 20200826 (EN)

Application

EP 16905893 A 20160624

Priority

CN 2016087054 W 20160624

Abstract (en)

[origin: WO2017219352A1] Methods, systems, and devices for wireless communication are described. One method may include communicating with an access point (AP) during awake intervals in which the wireless device is in an awake mode, determining a congestion level associated with a radio frequency (RF) spectrum band, and determining, for an awake interval, an inactivity timeout (ITO) interval for the wireless device to remain in the awake mode based on an identified RF spectrum band and the determined congestion level used by the wireless device to communicate with the AP. A second method may include polling an AP during a delivery traffic indication message (DTIM) period, and modifying timing for the station to poll the AP based on identifying that a trigger condition has been satisfied based on a determination that at least one null data message has been received from the AP, or a predetermined threshold number of polls have timed out.

IPC 8 full level

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CPC (source: EP KR US)

H04W 24/08 (2013.01 - EP); **H04W 28/0289** (2013.01 - EP KR US); **H04W 52/0216** (2013.01 - EP KR); **H04W 52/0248** (2013.01 - KR); **H04W 76/28** (2018.02 - KR); H04W 52/0248 (2013.01 - EP); H04W 72/0453 (2013.01 - EP); H04W 76/27 (2018.02 - EP); H04W 76/28 (2018.02 - EP); H04W 84/12 (2013.01 - EP); Y02D 30/70 (2020.08 - EP KR)

Citation (search report)

- [XI] US 2015098374 A1 20150409 - HOMCHAUDHURI SANDIP [US], et al
- [A] US 8971229 B1 20150303 - YENGANTI PRADEEP KUMAR [US], et al
- See also references of WO 2017219352A1

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)

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