

Title (en)  
METHOD, USER EQUIPMENT, BASE STATION, AND READABLE STORAGE MEDIUM FOR TRANSMITTING WAKE-UP SIGNAL

Title (de)  
VERFAHREN, BENUTZERGERÄT, BASISSTATION UND LESBARES SPEICHERMEDIUM ZUR ÜBERTRAGUNG EINES AUFWECKSIGNALS

Title (fr)  
PROCÉDÉ, ÉQUIPEMENT UTILISATEUR, STATION DE BASE ET SUPPORT D'INFORMATIONS LISIBLE PERMETTANT DE TRANSMETTRE UN SIGNAL DE RÉVEIL

Publication  
**EP 3841797 A4 20211027 (EN)**

Application  
**EP 19866394 A 20190925**

Priority

- CN 201811133789 A 20180927
- CN 201811296765 A 20181101
- KR 2019012466 W 20190925

Abstract (en)  
[origin: CN110958672A] Provided are a wake-up signal (WUS) transmission method, user equipment, a base station and a readable storage medium, the method being executed by the user equipment (UE), the method comprising: receiving configuration information of a UE group WUS; determining the WUS corresponding to a UE group to which the UE belongs according to the configuration information of the UE group WUS; and monitoring the WUS corresponding to the UE group to which the UE belongs. Compared with the prior art, the scheme of the embodiment of the invention can further reduce the power consumption of the UE.

IPC 8 full level  
**H04W 52/02** (2009.01); **H04W 68/02** (2009.01); **H04W 76/28** (2018.01); **H04W 72/04** (2009.01)

CPC (source: CN EP KR)  
**H04W 52/0216** (2013.01 - CN); **H04W 52/0219** (2013.01 - EP KR); **H04W 52/0229** (2013.01 - CN EP); **H04W 68/005** (2013.01 - CN); **H04W 68/02** (2013.01 - KR); **H04W 76/28** (2018.01 - CN EP); **H04W 68/025** (2013.01 - EP); **Y02D 30/70** (2020.08 - EP)

Citation (search report)

- [XAI] QUALCOMM INCORPORATED: "Remaining issues on WUS for MTC", vol. RAN WG1, no. Busan, Korea; 20180521 - 20180525, 20 May 2018 (2018-05-20), XP051442302, Retrieved from the Internet <URL:http://www.3gpp.org/ftp/Meetings%5F3GPP%5FSYNC/RAN1/Docs/> [retrieved on 20180520]
- [XI] HUAWEI ET AL: "Feature lead summary of Wake-up signal configurations and procedures in NB- IoT", vol. RAN WG1, no. Busan, Korea; 20180521 - 20180525, 22 May 2018 (2018-05-22), XP051442656, Retrieved from the Internet <URL:http://www.3gpp.org/ftp/Meetings%5F3GPP%5FSYNC/RAN1/Docs/> [retrieved on 20180522]
- [A] ERICSSON: "Feature summary of 6.2.2.1 UE-group wake-up signal", vol. RAN WG1, no. Gothenburg, Sweden; 20180820 - 20180824, 22 August 2018 (2018-08-22), XP051516895, Retrieved from the Internet <URL:http://www.3gpp.org/ftp/tsg%5Fran/WG1%5FRL1/TSGR1%5F94/Docs/R1%2D1809532%2Ezip> [retrieved on 20180822]
- See references of WO 2020067718A1

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

Designated extension state (EPC)  
BA ME

DOCDB simple family (publication)  
CN 110958672 A 20200403; CN 110958672 B 20230421; EP 3841797 A1 20210630; EP 3841797 A4 20211027

DOCDB simple family (application)  
CN 201811296765 A 20181101; EP 19866394 A 20190925