

(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property
Organization
International Bureau

(43) International Publication Date
10 February 2022 (10.02.2022)



(10) International Publication Number
WO 2022/027623 A1

(51) International Patent Classification:
H04W 76/18 (2018.01)

(21) International Application Number:
PCT/CN2020/107904

(22) International Filing Date:
07 August 2020 (07.08.2020)

(25) Filing Language: English

(26) Publication Language: English

(71) Applicant: **ZTE CORPORATION** [CN/CN]; ZTE Plaza,
Keji Road South, Hi-Tech Industrial Park, Nanshan, Shen-
zhen, Guangdong 518057 (CN).

(72) Inventors: **NIU, Li**; ZTE Plaza, Keji Road South, Hi-Tech
Industrial Park, Nanshan, Shenzhen, Guangdong 518057
(CN). **LU, Ting**; ZTE Plaza, Keji Road South, Hi-Tech
Industrial Park, Nanshan, Shenzhen, Guangdong 518057
(CN). **SHA, Xiubin**; ZTE Plaza, Keji Road South, Hi-Tech
Industrial Park, Nanshan, Shenzhen, Guangdong 518057
(CN). **DAI, Bo**; ZTE Plaza, Keji Road South, Hi-Tech
Industrial Park, Nanshan, Shenzhen, Guangdong 518057
(CN).

(74) Agent: **BEYOND ATTORNEYS AT LAW**; F6, Xijin
Centre, 39 Lianhuaachi East Rd., Haidian District, Beijing
100036 (CN).

(81) Designated States (*unless otherwise indicated, for every
kind of national protection available*): AE, AG, AL, AM,
AO, AT, AU, AZ, BA, BB, BG, BH, BN, BR, BW, BY, BZ,
CA, CH, CL, CN, CO, CR, CU, CZ, DE, DJ, DK, DM, DO,

DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, GT, HN,
HR, HU, ID, IL, IN, IR, IS, IT, JO, JP, KE, KG, KH, KN,
KP, KR, KW, KZ, LA, LC, LK, LR, LS, LU, LY, MA, MD,
ME, MG, MK, MN, MW, MX, MY, MZ, NA, NG, NI, NO,
NZ, OM, PA, PE, PG, PH, PL, PT, QA, RO, RS, RU, RW,
SA, SC, SD, SE, SG, SK, SL, ST, SV, SY, TH, TJ, TM, TN,
TR, TT, TZ, UA, UG, US, UZ, VC, VN, WS, ZA, ZM, ZW.

(84) Designated States (*unless otherwise indicated, for every
kind of regional protection available*): ARIPO (BW, GH,
GM, KE, LR, LS, MW, MZ, NA, RW, SD, SL, ST, SZ, TZ,
UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, RU, TJ,
TM), European (AL, AT, BE, BG, CH, CY, CZ, DE, DK,
EE, ES, FI, FR, GB, GR, HR, HU, IE, IS, IT, LT, LU, LV,
MC, MK, MT, NL, NO, PL, PT, RO, RS, SE, SI, SK, SM,
TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW,
KM, ML, MR, NE, SN, TD, TG).

Published:
— with international search report (Art. 21(3))

(54) Title: TIMING CONFIGURATION IN WIRELESS COMMUNICATION SYSTEMS

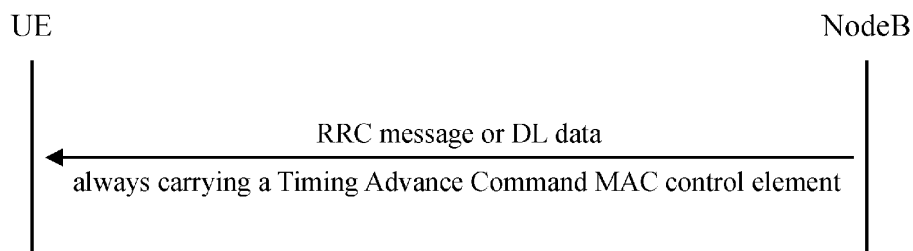


FIG. 2

(57) Abstract: Methods, systems, and devices for timing configuration in mobile communication technology are described. An example method of wireless communication includes receiving, by a wireless device from a network node, a message comprising a medium access control (MAC) layer timing control, and selectively starting, based on a rule and subsequent to the receiving, a time alignment timer, wherein the rule specifies the time alignment timer is not started when the MAC layer is performing a resource configuration transmission and the time alignment timer is started when the MAC layer is not performing the resource configuration transmission.

WO 2022/027623 A1