Title (en)

MEDIUM ACCESS CONTROL (MAC) FORMAT FOR 2-PART RANDOM ACCESS PROCEDURE

Title (de)

MEDIENZUGANGSSTEUERUNGS (MAC)-FORMAT FÜR 2-TEILIGES DIREKTZUGRIFFSVERFAHREN

Title (fr)

FORMAT DE COMMANDE D'ACCÈS AU SUPPORT (MAC) POUR PROCÉDURE D'ACCÈS ALÉATOIRE EN DEUX PARTIES

Publication

EP 3874883 A1 20210908 (EN)

Application

EP 19879230 A 20191029

Priority

- US 201862753497 P 20181031
- US 201962805158 P 20190213
- US 2019058519 W 20191029

Abstract (en)

[origin: WO2020092337A1] An apparatus of a user equipment (UE) includes processing circuitry coupled to memory, where to configure the UE for a 2-step random access procedure with a base station, the processing circuitry is to encode a first message for transmission to the base station. The first message includes a random access preamble triggering the 2-step random access procedure and a payload. The payload includes a medium access control (MAC) protocol data unit (PDU) with multiplexed MAC service data units (SDUs). The MAC PDU includes a C-RNTI MAC CE identifying the UE. The processing circuitry is to decode a second message received from the base station in response to the first message, the second message including a random access response (RAR) MAC PDU with an uplink grant. The processing circuitry is to encode uplink data for transmission to the base station based on the uplink grant.

IPC 8 full level

H04W 74/00 (2009.01); **H04W 72/12** (2009.01); **H04W 72/14** (2009.01); **H04W 74/08** (2009.01)

CPC (source: EP)

H04W 74/0833 (2013.01); H04W 28/06 (2013.01); H04W 28/065 (2013.01)

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)

WO 2020092337 A1 20200507; EP 3874883 A1 20210908; EP 3874883 A4 20220727; EP 4185062 A1 20230524

DOCDB simple family (application)

US 2019058519 W 20191029; EP 19879230 A 20191029; EP 22217107 A 20191029