

Title (en)

CONGESTION CONTROL ACROSS DIFFERENT PUBLIC LAND MOBILE NETWORKS

Title (de)

ÜBERLASTREGELUNG ÜBER VERSCHIEDENE ÖFFENTLICHE MOBILE LANDFUNKNETZE

Title (fr)

CONTRÔLE DE CONGESTION DANS DIFFÉRENTS RÉSEAUX MOBILES TERRESTRES PUBLICS

Publication

EP 3892035 A1 20211013 (EN)

Application

EP 19893707 A 20191203

Priority

- US 201862775757 P 20181205
- US 201962790378 P 20190109
- US 2019064225 W 20191203

Abstract (en)

[origin: WO2020117796A1] Systems, methods, and devices provide for congestion control across different PLMNs. An SMF processes a NAS session management (SM) request message from a UE. The NAS SM request message is associated with a S-NSSAI. In response to determining that the S-NSSAI is congested, the SMF generates a NAS SM response message for the UE. The NAS SM response message includes an indication of a PLMN and an SM back-off time value corresponding to the S-NSSAI. The UE decodes the NAS SM response message and associates the SM back-off time value for use with the PLMN. The UE waits (backs-off) until the SM back-off time is stopped or expires before initiating a session management procedure for the S-NSSAI in the indicated PLMN. However, if the UE selects another PLMN not included in the indicated list of PLMNs, the UE need not back-off and can initiate SM procedures for the S-NSSAI.

IPC 8 full level

H04W 48/06 (2009.01); **H04W 48/08** (2009.01); **H04W 48/18** (2009.01); **H04W 76/18** (2018.01); **H04W 80/10** (2009.01); **H04W 88/06** (2009.01)

CPC (source: EP)

H04W 12/06 (2013.01); **H04W 48/18** (2013.01); **H04W 76/18** (2018.02); **H04W 88/06** (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 2020117796 A1 20200611; EP 3892035 A1 20211013; EP 3892035 A4 20220803

DOCDB simple family (application)

US 2019064225 W 20191203; EP 19893707 A 20191203