

Title (en)

USER PLANE ENTITY AND CONTROL PLANE ENTITY FOR EXCHANGING NETWORK ACCESS NODE INFORMATION

Title (de)

EINHEIT AUF BENUTZEREbene UND EINHEIT AUF STEUERUNGSEBENE ZUM AUSTAUSCH VON
NETZWERKZUGANGSKNOTENINFORMATIONEN

Title (fr)

ENTITÉ DE PLAN D'UTILISATEUR ET ENTITÉ DE PLAN DE COMMANDE POUR ÉCHANGER DES INFORMATIONS DE NOEUD D'ACCÈS AU
RÉSEAU

Publication

EP 4205420 A1 20230705 (EN)

Application

EP 20771272 A 20200909

Priority

EP 2020075236 W 20200909

Abstract (en)

[origin: WO2022053134A1] The invention relates to communication between a user plane entity and a control plane entity for exchanging network access node information. Using a first control message, the user plane entity can provide information to the control plane entity about the network access nodes to which the user plane entity maintains a communication interface connection. The control plane entity can use the provided information to select a suitable user plane entity to handle traffic of a client device served by a specific network access node. The invention may for example be used to provide enhanced communication and coordination among network functions in a 5G core network, as well as between such network functions and a multi-access edge computing framework.

IPC 8 full level

H04W 4/20 (2018.01)

CPC (source: EP)

H04L 41/12 (2013.01); **H04L 41/40** (2022.05); **H04L 67/1008** (2013.01); **H04L 67/1021** (2013.01); **H04L 67/147** (2013.01); **H04W 4/20** (2013.01); **H04W 8/26** (2013.01); **H04W 24/02** (2013.01); **H04W 92/18** (2013.01)

Citation (search report)

See references of WO 2022053134A1

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

Designated validation state (EPC)

KH MA MD TN

DOCDB simple family (publication)

WO 2022053134 A1 20220317; EP 4205420 A1 20230705

DOCDB simple family (application)

EP 2020075236 W 20200909; EP 20771272 A 20200909