

Title (en)

CORE NETWORK ONLINE CHARGING CONTROL FOR INTERMEDIATE NETWORK TRAFFIC STEERING

Title (de)

STEUERUNG DER ONLINE-ABRECHNUNG EINES KERNNETZWERKS ZUR LENKUNG DES ZWISCHENNETZWERKVERKEHRS

Title (fr)

COMMANDE DE FACTURATION EN LIGNE DE RÉSEAU CENTRAL POUR ORIENTATION DE TRAFIC DE RÉSEAU INTERMÉDIAIRE

Publication

EP 3469819 A1 20190417 (EN)

Application

EP 16904536 A 20160609

Priority

IB 2016053414 W 20160609

Abstract (en)

[origin: WO2017212318A1] A charging server in a core network stores subscriber records containing subscriber identifiers for mobile devices. The charging server receives a core session request from a gateway server, indicating an attempt by a mobile device to communicate, e.g. with a wide area network (WAN). The request includes the mobile device's subscriber identifier and currently assigned network identifier. The charging server updates the corresponding subscriber record with an association between the subscriber and network identifiers. The charging server also receives a steering session request including the network identifier from a traffic steering server in an intermediation network; the traffic steering server sends the steering session request upon receiving the network identifier from a core network policy server. Using the network identifier in the steering session request and the stored association, the charging server retrieves the correct subscriber record, and accepts or rejects the establishment of a steering data session based on the content of the retrieved subscriber record.

IPC 8 full level

H04W 4/24 (2018.01); **H04W 40/00** (2009.01)

CPC (source: EP)

H04L 12/14 (2013.01); **H04L 12/1403** (2013.01); **H04L 12/1407** (2013.01); **H04L 45/306** (2013.01); **H04L 67/141** (2013.01); **H04M 15/00** (2013.01); **H04M 15/66** (2013.01); **H04M 15/8214** (2013.01); **H04M 15/8228** (2013.01); **H04W 4/24** (2013.01)

Citation (search report)

See references of WO 2017212318A1

Designated contracting state (EPC)

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Designated extension state (EPC)

BA ME

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DOCDB simple family (application)

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