

Title (en)

METHODS AND SYSTEMS FOR CHARGING USING MANAGEMENT INFORMATION

Title (de)

VERFAHREN UND SYSTEME ZUM LADEN UNTER VERWENDUNG VON VERWALTUNGSINFORMATIONEN

Title (fr)

PROCÉDÉS ET SYSTÈMES DE FACTURATION À L'AIDE D'INFORMATIONS DE GESTION

Publication

**EP 4122159 A4 20230510 (EN)**

Application

**EP 20925751 A 20200317**

Priority

SE 2020050278 W 20200317

Abstract (en)

[origin: WO2021188023A1] Systems and methods are provided for charging for services in a telecommunications network. The method includes: providing a charging function (CHF) in a node in the telecommunications network which is responsible for collecting information used for charging for telecommunication services; and learning, by the CHF node, about information associated with a new service to be charged which is provided by one or more network functions (NFs), the learning performed by receiving the information associated with the new service from another network node.

IPC 8 full level

**H04L 12/14** (2006.01); **H04M 15/00** (2006.01); **H04M 17/00** (2006.01); **H04W 4/24** (2018.01); **H04W 4/50** (2018.01)

CPC (source: EP)

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Citation (search report)

- [XY] HUAWEI: "Addition of section 6 for TS 32.290", vol. SA WG5, no. Rome, Italy; 20180129 - 20180202, 19 January 2018 (2018-01-19), XP051391295, Retrieved from the Internet <URL:http://www.3gpp.org/ftp/tsg%5Fsa/WG5%5FTM/TSGS5%5F117/Docs/> [retrieved on 20180119] & ANONYMOUS: "3rd Generation Partnership Project; Technical Specification Group Services and System Aspects; System Architecture for the 5G System; Stage 2 (Release 15)", 3GPP STANDARD; TECHNICAL SPECIFICATION; 3GPP TS 23.501, 3RD GENERATION PARTNERSHIP PROJECT (3GPP), MOBILE COMPETENCE CENTRE ; 650, ROUTE DES LUCIOLES ; F-06921 SOPHIA-ANTIPOLIS CEDEX ; FRANCE, vol. SA WG2, no. V15.0.0, 22 December 2017 (2017-12-22), pages 1 - 181, XP051392101 & "3rd Generation Partnership Project; Technical Specification Group Core Network and Terminals; 5G System; Principles and Guidelines for Services Definition; Stage 3 (Release 15)", 3GPP STANDARD; TECHNICAL SPECIFICATION; 3GPP TS 29.501, 3RD GENERATION PARTNERSHIP PROJECT (3GPP), MOBILE COMPETENCE CENTRE ; 650, ROUTE DES LUCIOLES ; F-06921 SOPHIA-ANTIPOLIS CEDEX ; FRANCE, vol. CT WG4, no. V15.0.0, 15 June 2018 (2018-06-15), pages 1 - 54, XP051451715
- [Y] "3rd Generation Partnership Project; Technical Specification Group Services and System Aspects; Telecommunication management; Charging management; 5G system; Services, operations and procedures of charging using Service Based Interface (SBI) (Release 15)", 3GPP STANDARD; TECHNICAL SPECIFICATION; 3GPP TS 32.290, 3RD GENERATION PARTNERSHIP PROJECT (3GPP), MOBILE COMPETENCE CENTRE ; 650, ROUTE DES LUCIOLES ; F-06921 SOPHIA-ANTIPOLIS CEDEX ; FRANCE, vol. SA WG5, no. V0.3.0, 5 June 2018 (2018-06-05), pages 1 - 23, XP051451570
- See references of WO 2021188023A1

Designated contracting state (EPC)

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Designated extension state (EPC)

BA ME

Designated validation state (EPC)

KH MA MD TN

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DOCDB simple family (application)

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