Title (en)

METHOD FOR CONVERGING IOT DATA WITH MOBILE CORE

Title (de)

VERFAHREN ZUM KONVERGIEREN VON IOT-DATEN MIT BEWEGLICHEM KERN

Title (fr)

PROCÉDÉ PERMETTANT DE FAIRE CONVERGER DES DONNÉES D'IOT AVEC UN NOYAU MOBILE

Publication

EP 3414969 A1 20181219 (EN)

Application

EP 17705959 A 20170206

Priority

- US 201615042450 A 20160212
- IB 2017050639 W 20170206

Abstract (en)

[origin: WO2017137881A1] A method in a network device is described and includes selecting, based upon a service request, one or more device gateways from a plurality of device gateways that are communicatively coupled with a plurality of low powered devices. The low powered devices do not include Subscriber Identity Modules. Configuration information is transmitted over a public network to the selected device gateways, causing the selected device gateways to configure ones of the low power devices to perform actions according to the service request. Data is received from the selected device gateways over the public network that was generated by the configured low power devices. One or more GPRS Tunnel Protocol (GTP) tunnels are established with a Packet Data Network (PDN) gateway of a mobile network operator, and the received data is sent over the one or more GTP tunnels to be processed by the mobile network operator.

IPC 8 full level

H04W 76/12 (2018.01); H04W 4/70 (2018.01); H04W 4/80 (2018.01)

CPC (source: EP)

H04W 76/12 (2018.01); H04W 4/70 (2018.01); H04W 4/80 (2018.01); Y02D 30/70 (2020.08)

Citation (search report)

See references of WO 2017137881A1

Cited by

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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)

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DOCDB simple family (application)

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