

Title (en)

METHOD AND APPARATUS FOR PAIRING IOT DEVICES AND IOT SERVICE IN HETEROGENEOUS IOT ECOSYSTEM

Title (de)

VERFAHREN UND VORRICHTUNG ZUR PAARUNG VON IOT-VORRICHTUNGEN UND IOT-DIENST IN EINEM HETEROGENEN IOT-ÖKOSYSTEM

Title (fr)

PROCÉDÉ ET APPAREIL D'APPARIEMENT DE DISPOSITIFS IDO ET DE SERVICE IDO DANS UN ÉCOSYSTÈME IDO HÉTÉROGÈNE

Publication

EP 3878164 A4 20211222 (EN)

Application

EP 19894367 A 20191209

Priority

- ID P00201810192 A 20181207
- KR 2019017298 W 20191209

Abstract (en)

[origin: CN113396571A] An electronic apparatus and method are provided. An end-to-end automatic interconnection of heterogeneous Internet of things (IoT) systems automates both Cloud-to-Cloud (C2C) (Primary IoT Service to External IoT Services) and Device-to-Cloud (D2C) (IoT Devices to IoT Services) pairing process, utilizing IoT service information with visual and/or radio tag information, available in IoT devices and services.

IPC 8 full level

H04L 29/08 (2006.01); **H04W 76/14** (2018.01); **H04W 84/18** (2009.01)

CPC (source: EP)

H04L 67/125 (2013.01); **H04W 4/70** (2018.02); **H04W 4/80** (2018.02); **H04W 12/0431** (2021.01); **H04W 76/14** (2018.02); **H04W 84/18** (2013.01)

Citation (search report)

- [X] US 2018167392 A1 20180614 - ZAKARIA OMAR [US]
- [A] US 2018246484 A1 20180830 - ZIMMERMAN SCOTT [US], et al
- See also references of WO 2020117025A1

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)

CN 113396571 A 20210914; EP 3878164 A1 20210915; EP 3878164 A4 20211222

DOCDB simple family (application)

CN 201980091238 A 20191209; EP 19894367 A 20191209