

Title (en)

ACTIVE TEST SYSTEM FOR THE MOBILE IOT NETWORK AND TEST METHOD USING SUCH A TEST SYSTEM

Title (de)

AKTIVES TESTSYSTEM FÜR EIN MOBILES IOT-FUNKNETZ UND TESTVERFAHREN MIT EINEM SOLCHEN TESTSYSTEM

Title (fr)

SYSTÈME DE TEST ACTIF POUR LE RÉSEAU IOT MOBILE ET PROCÉDÉ DE TEST UTILISANT UN TEL SYSTÈME DE TEST

Publication

EP 3970405 A1 20220323 (EN)

Application

EP 20726055 A 20200512

Priority

- DE 102019207051 A 20190515
- US 201916412459 A 20190515
- EP 2020063233 W 20200512

Abstract (en)

[origin: WO2020229496A1] An active test system (1) for a mobile IoT network (2) providing connectivity and services to mobile IoT (MIoT) devices of low power wide area (LPWA) technologies is presented. The test system has at least one test probe (3) connected to the MIoT network (2) via an LTE-Uu interface (5) and/or at least one test probe connected to the MIoT network via an S1 interface. A central test unit (5a) is connected (8) to the at least one test probe (3) via a wireless backhaul network or a fixed IP network (7). A SIM multiplexer (12) is provided to transfer SIM data to the at least one test probe (3) in test fields. A test system with enhanced capabilities assure mobile IoT experience.

IPC 8 full level

H04W 24/06 (2009.01); **H04L 1/00** (2006.01)

CPC (source: EP IL KR)

H04L 43/10 (2013.01 - KR); **H04L 43/50** (2013.01 - KR); **H04W 4/70** (2018.02 - IL KR); **H04W 24/06** (2013.01 - EP IL KR); **H04W 4/70** (2018.02 - EP); **Y02D 30/70** (2020.08 - EP KR)

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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)

WO 2020229496 A1 20201119; AU 2020274610 A1 20211125; CN 114208260 A 20220318; CN 114208260 B 20240126; EP 3970405 A1 20220323; IL 288084 A 20220101; JP 2022533377 A 20220722; KR 20220008834 A 20220121

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