

Title (en)

WIRELESS COMMUNICATION AUTHENTICATION FOR MEDICAL MONITORING DEVICE

Title (de)

DRAHTLOSKOMMUNIKATIONSAUTHENTIFIZIERUNG FÜR MEDIZINISCHE ÜBERWACHUNGSVORRICHTUNG

Title (fr)

AUTHENTIFICATION DE COMMUNICATION SANS FIL POUR DISPOSITIF DE SURVEILLANCE MÉDICALE

Publication

EP 2915129 A1 20150909 (EN)

Application

EP 13852024 A 20131017

Priority

- US 201213665234 A 20121031
- US 2013065469 W 20131017

Abstract (en)

[origin: WO2014070471A1] Methods, systems, and devices for authenticated wireless protocol pairing are provided. Authenticated wireless protocol pairing may include detecting an analyte sample; determining an analyte concentration associated with the detected analyte sample; generating an unauthenticated pairing with an external device by initiating a pairing procedure of a wireless protocol stack with the external device, and on a condition that the wireless protocol stack issues a pairing message, suppressing the pairing message; preventing communication based on the unauthenticated pairing with the external device; generating an authenticated pairing based on the unauthenticated pairing by displaying a pairing authentication message, and in response to user input indicating that the unauthenticated pairing is an authenticated pairing, converting the unauthenticated pairing to an authenticated pairing; and transmitting an indication of the analyte concentration to the external device.

IPC 8 full level

G01N 33/487 (2006.01); **G06F 21/44** (2013.01); **G16H 10/60** (2018.01); **G16H 40/67** (2018.01); **H04B 5/00** (2006.01); **H04W 12/06** (2009.01)

CPC (source: EP US)

G01N 33/48792 (2013.01 - EP US); **G06F 21/445** (2013.01 - EP); **G16H 10/60** (2017.12 - EP US); **G16H 40/63** (2017.12 - EP US); **G16H 40/67** (2017.12 - EP US); **H04W 4/80** (2018.01 - EP); **H04B 5/73** (2024.01 - EP); **H04B 5/77** (2024.01 - EP)

Cited by

US11964145B2; US12121713B2; US11511103B2; US11654275B2; US12102815B2; US11185677B2; US11717670B2; US10722631B2; US11229784B2; US11724089B2; US12076545B2

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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