

Title (en)

IDENTIFICATION OF AN INVALID REFERENCE DEVICE IN DEVICE POSITIONING

Title (de)

IDENTIFIZIERUNG EINER UNGÜLTIGEN REFERENZVORRICHTUNG IN DER VORRICHTUNGSPOSITIONIERUNG

Title (fr)

IDENTIFICATION D'UN DISPOSITIF DE RÉFÉRENCE INVALIDE LORS DU POSITIONNEMENT DE DISPOSITIFS

Publication

**EP 4189998 A4 20240619 (EN)**

Application

**EP 20947941 A 20200803**

Priority

CN 2020106667 W 20200803

Abstract (en)

[origin: WO2022027203A1] Example embodiments of the present disclosure relate to identification of an invalid reference device in device positioning. A method comprises receiving, at a first device and from a second device, at least one first positioning-related measurement result for positioning of at least one of a set of reference devices. The set of reference devices transmit respective reference signals for positioning a target device. The method also comprises determining at least one estimated location of the at least one reference device based on the at least one first positioning-related measurement result and a location of the second device. The method further comprises in response to a mismatch between the at least one estimated location and a set of locations of valid reference devices for the target device, identifying an invalid reference device from the at least one reference device.

IPC 8 full level

**H04W 12/12** (2021.01); **G01S 5/02** (2010.01); **H04W 12/63** (2021.01)

CPC (source: EP)

**G01S 5/0244** (2020.05); **H04W 12/12** (2013.01); **H04W 12/63** (2021.01)

Citation (search report)

- [A] EP 3672304 A1 20200624 - HERE GLOBAL BV [NL]
- [A] WO 2015112851 A1 20150730 - QUALCOMM INC [US]
- [A] WO 2015006979 A1 20150122 - INTEL CORP [US], et al
- See also references of WO 2022027203A1

Designated contracting state (EPC)

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DOCDB simple family (publication)

**WO 2022027203 A1 20220210**; AR 122942 A1 20221019; CN 116210255 A 20230602; EP 4189998 A1 20230607; EP 4189998 A4 20240619; TW 202207721 A 20220216

DOCDB simple family (application)

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