

Title (en)

PROVIDING AND UTILIZING MAPS IN LOCATION DETERMINATION BASED ON RSSI AND RTT DATA

Title (de)

BEREITSTELLUNG UND VERWENDUNG VON KARTEN IN DER POSITIONSBESTIMMUNG AUF DER BASIS VON RSSI- UND RTT-DATEN

Title (fr)

OBTENTION ET UTILISATION DE CARTES À DES FINS DE DÉTERMINATION D'EMPLACEMENT SUR LA BASE DE DONNÉES RSSI ET RTT

Publication

**EP 2929363 A1 20151014 (EN)**

Application

**EP 13815278 A 20131206**

Priority

- US 201213707484 A 20121206
- US 2013073739 W 20131206

Abstract (en)

[origin: WO2014089531A1] The subject matter disclosed herein relates to utilizing location information, such as maps, in location determination based on Received Signal Strength Indication (RSSI) and Round-Trip Time (RTT) data. Weighting information can be determined from and/or provided in the location information. The weighting information associated with an area in which a mobile device is located can impact how RSSI and RTT data is weighted in a calculation of the mobile devices location.

IPC 8 full level

**G01S 5/02** (2010.01); **G01S 5/14** (2006.01); **G01S 13/87** (2006.01)

CPC (source: CN EP US)

**G01S 5/0236** (2013.01 - CN EP); **G01S 5/02521** (2020.05 - CN EP US); **G01S 5/0258** (2020.05 - CN EP US); **G01S 5/14** (2013.01 - CN EP); **G01S 13/878** (2013.01 - CN EP)

Citation (search report)

See references of WO 2014089531A1

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)

**WO 2014089531 A1 20140612**; CN 104838280 A 20150812; CN 104838280 B 20170915; EP 2929363 A1 20151014; JP 2016507724 A 20160310; KR 20150094665 A 20150819; TW 201427461 A 20140701; TW I507068 B 20151101

DOCDB simple family (application)

**US 2013073739 W 20131206**; CN 201380063452 A 20131206; EP 13815278 A 20131206; JP 2015545898 A 20131206; KR 20157017661 A 20131206; TW 102144603 A 20131205