

Title (en)  
METHOD AND APPARATUS FOR DISPLAYING RADIO SIGNAL STRENGTHS AND OTHER PARAMETERS AT MULTIPLE GPS POSITIONS

Title (de)  
VERFAHREN UND VORRICHTUNG ZUM ANZEIGEN VON FUNKSIGNALSTÄRKEN UND ANDEREN PARAMETERN AN MEHREREN GPS-POSITIONEN

Title (fr)  
PROCÉDÉ ET APPAREIL POUR AFFICHER DES INTENSITÉS DE SIGNAL RADIO ET D'AUTRES PARAMÈTRES À DE MULTIPLES POSITIONS GPS

Publication  
**EP 3566067 A4 20200826 (EN)**

Application  
**EP 18736038 A 20180102**

Priority  
• US 201715398698 A 20170104  
• US 2018012019 W 20180102

Abstract (en)  
[origin: WO2018128958A1] A software application installed on a mobile device moving along a path periodically measures and records a parameter along with the GPS position associated with the measurement. Path data files are recorded on the device's internal memory and may be transferred to and from a repository database to share data between devices. Data may be displayed in the form of a map allowing users to navigate along paths to locations with desired parameter levels. This parameter may be cellular signal strength, allowing users in areas with no usable signal to find a usable signal. If data is preloaded onto a device, signal strength maps can be displayed even when the device has no current data connection. Parameters can be calibrated to compensate for differing sensitivities between device models. Screen dimming and audio cues can reduce battery consumption and the software can alert users when they stray from a desired path.

IPC 8 full level  
**H04M 1/72457** (2021.01); **G01S 5/02** (2010.01); **G06F 16/00** (2019.01); **H04W 4/18** (2009.01)

CPC (source: EP)  
**G06F 16/00** (2018.12); **H04M 1/72457** (2021.01); **H04M 2250/10** (2013.01); **H04W 4/029** (2018.01); **H04W 4/185** (2013.01); **Y02D 30/70** (2020.08)

Citation (search report)  
• [IA] US 2014357302 A1 20141204 - WILBUR JOHN RUSSELL [US]  
• [A] US 2008102809 A1 20080501 - BEYER MALCOLM K [US]  
• See references of WO 2018128958A1

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

DOCDB simple family (publication)  
**WO 2018128958 A1 20180712**; AU 2018206496 A1 20190801; EP 3566067 A1 20191113; EP 3566067 A4 20200826

DOCDB simple family (application)  
**US 2018012019 W 20180102**; AU 2018206496 A 20180102; EP 18736038 A 20180102