



(12) **EUROPEAN PATENT APPLICATION**

(88) Date of publication A3:
30.11.2016 Bulletin 2016/48

(51) Int Cl.:
G07C 5/08 (2006.01) G07C 5/00 (2006.01)

(43) Date of publication A2:
30.04.2014 Bulletin 2014/18

(21) Application number: **13189796.9**

(22) Date of filing: **22.10.2013**

(84) Designated Contracting States:
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 States:
BA ME

- **Baker, Nicolas**
Normal, IL 61761 (US)
- **Christopulos, Nick**
Bloomington, IL 61704 (US)
- **Wilkerson, Bryan Todd**
Bloomington, IL 61704 (US)

(30) Priority: **24.10.2012 US 201213659405**

(74) Representative: **Grubert, Andreas et al**
c/o Westphal, Mussnug & Partner
Patentanwälte mbB
Herzog-Wilhelm-Straße 26
80331 München (DE)

(71) Applicant: **State Farm Insurance**
Bloomington, IL 61710 (US)

(72) Inventors:
• **Bowne, Benjamin**
Mackinaw, IL 61755 (US)

(54) **Systems and methods for controlling the collection of vehicle use data using a mobile device**

(57) A mobile device may include at least one sensor that detects a characteristic of the mobile device selected from distance traveled, location, time, and g-force dynamics; a processor; and a tangible non-transitory computer readable storage medium containing instructions that, when executed on by the processor, are programmed to automatically detect that a wireless connection has been established between the mobile device and a vehicle, and in response to detecting the wireless connection between the mobile device and the vehicle, automatically start collecting vehicle operation data via the at least one sensor. The mobile device may automatically stop collecting the vehicle operation data in response to the vehicle being turned off.

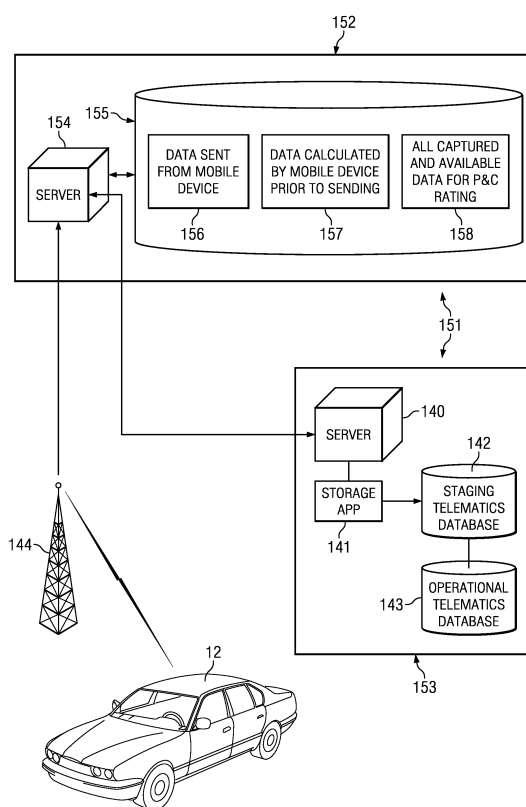


FIG. 9



EUROPEAN SEARCH REPORT

Application Number
EP 13 18 9796

5

10

15

20

25

30

35

40

45

50

55

DOCUMENTS CONSIDERED TO BE RELEVANT			
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (IPC)
X	US 2011/307188 A1 (PENG JUFENG [US] ET AL) 15 December 2011 (2011-12-15) * claim 1 * * claim 2 * * claim 14 * * paragraph [0019] * * paragraph [0021] * * paragraph [0024] * * paragraph [0034] - paragraph [0035] * * paragraph [0058] * * paragraph [0040] * * paragraph [0043] * -----	1-5, 7-12,14, 15	INV. G07C5/08 G07C5/00
X	WO 2010/034909 A1 (ACT CONCEPTS [FR]; AIN JACQUES [FR]) 1 April 2010 (2010-04-01) * claim 1 * * claim 8 * * claim 9 * * claim 10 * * page 5, line 26 - line 31 * * page 14, line 31 - page 15, line 3 * -----	1,3,6-8, 10,13,14	TECHNICAL FIELDS SEARCHED (IPC) G07C
A	US 2012/253892 A1 (DAVIDSON MARK J [US]) 4 October 2012 (2012-10-04) * paragraph [0090] * -----	6,13	
A	US 2012/197669 A1 (KOTE THEJOVARDHANA S [US] ET AL) 2 August 2012 (2012-08-02) * claim 1 * * claim 4 * * paragraph [0010] * * paragraph [0031] * * paragraph [0041] * -----	1-3, 7-10,14	
The present search report has been drawn up for all claims			
Place of search The Hague		Date of completion of the search 19 October 2016	Examiner Hniene, Badr
CATEGORY OF CITED DOCUMENTS X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document		T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons ----- & : member of the same patent family, corresponding document	

EPO FORM 1503 03.82 (P04C01)

**ANNEX TO THE EUROPEAN SEARCH REPORT
ON EUROPEAN PATENT APPLICATION NO.**

EP 13 18 9796

5 This annex lists the patent family members relating to the patent documents cited in the above-mentioned European search report.
The members are as contained in the European Patent Office EDP file on
The European Patent Office is in no way liable for these particulars which are merely given for the purpose of information.

19-10-2016

Patent document cited in search report	Publication date	Patent family member(s)	Publication date
US 2011307188 A1	15-12-2011	US 2011307188 A1	15-12-2011
		US 2015046197 A1	12-02-2015
-----	-----	-----	-----
15 WO 2010034909 A1	01-04-2010	FR 2936631 A1	02-04-2010
		WO 2010034909 A1	01-04-2010
-----	-----	-----	-----
US 2012253892 A1	04-10-2012	CA 2831712 A1	04-10-2012
		CN 103827925 A	28-05-2014
		EP 2810254 A2	10-12-2014
		US 2012253548 A1	04-10-2012
		US 2012253587 A1	04-10-2012
		US 2012253632 A1	04-10-2012
		US 2012253861 A1	04-10-2012
		US 2012253862 A1	04-10-2012
		US 2012253867 A1	04-10-2012
		US 2012253888 A1	04-10-2012
		US 2012253889 A1	04-10-2012
		US 2012253892 A1	04-10-2012
		US 2014188533 A1	03-07-2014
		US 2015161828 A1	11-06-2015
		US 2015206356 A1	23-07-2015
		WO 2012135472 A2	04-10-2012
-----	-----	-----	-----
US 2012197669 A1	02-08-2012	EP 2668630 A2	04-12-2013
		US 2012197669 A1	02-08-2012
		WO 2012103306 A2	02-08-2012
-----	-----	-----	-----