

Search strategy

Query

(ASSISTANT AND ELECTRONIC AND SPEECH AND SENSOR AND VEHICLE AND BEHAVIOR AND DELAY AND DRIVER)/TX/BI/SA/KEYW/IN/PA

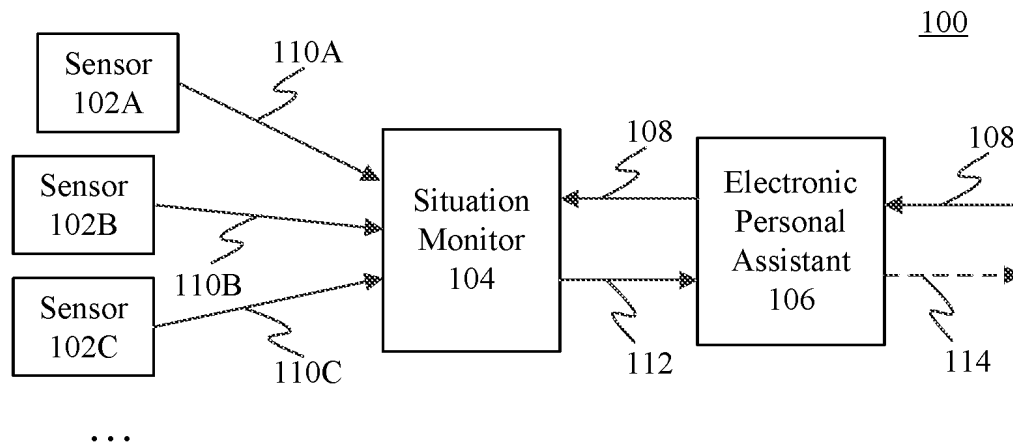
15 Documents

Publication numbers	Title	Current assignees
EP3475136 A1	Situation aware personal assistant	MICROSOFT TECHNOLOGY LICENSING
EP3100927 A1	System and method for responding to driver behavior	HONDA MOTOR
EP3458950 A1	Synchronization and task delegation of a digital assistant	APPLE
US20180053093 A1	Integrative Cognition of Driver Behavior	TOYOTA MOTOR
EP3414667 A1	Digital assistant providing automated status report	APPLE
EP3140817 A1	Driver assistance system and method for automatically logging log data	CONTINENTAL TEVES
EP2954514 A2	Voice trigger for a digital assistant	APPLE
EP2575128 A2	Using context information to facilitate processing of commands in a virtual assistant	APPLE
EP2817170 A1	Altered map routes based on user profile information	IP OPTIMUM
CN109131355 A	Vehicle , vehicle equipment and vehicle scene interaction method based on user identification	SHANGHAI PATEO ELECTRONIC EQUIPMENT MANUFACTURING
WO201979015 A1	Personal domain for a virtual assistant system on a communal device	APPLE
US20160039430 A1	Providing gesture control of associated vehicle functions across vehicle zones	IP OPTIMUM
US20160055747 A1	Law breaking/ behavior sensor	AUTOCONNECT HOLDINGS
EP2750912 A1	System for non-invasive measurement of an analyte in a vehicle driver	AUTOMOTIVE COALITION FOR TRAFFIC SAFETY
EP2526511 A2	Intelligent automated assistant	APPLE

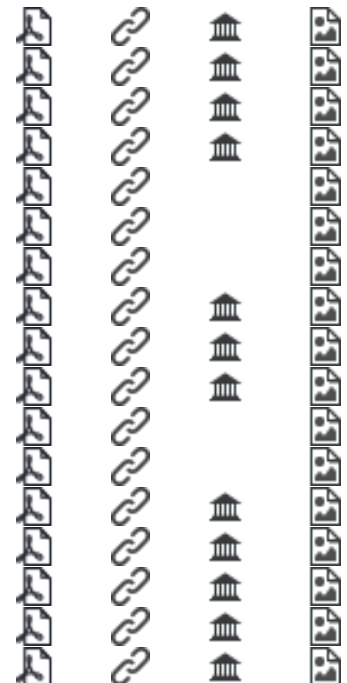
Family 1/15 - FAMPAT - ©Questel

Title

(EP3475136)

Situation aware personal **assistant****Images****Publication numbers with kind code & date**

US10474946	B2	2019-11-12	US10474946
JP2019527387	A	2019-09-26	JP2019527387
BR112018074326	A2	2019-07-16	BR112018074326
EP3475136	A1	2019-05-01	EP3475136
CL2018003615	A1	2019-03-22	CL201803615
KR10-2019-0022553	A	2019-03-06	KR20190022553
MX2018015623	A	2019-03-06	MX2018015623
CN109328155	A	2019-02-12	CN109328155
IN201817045856	A	2019-02-01	IN201817045856
IL263759	A	2019-01-31	IL-263759
SG11201810890R	A	2019-01-30	SG11201810890R
CO2018013675	A2	2018-12-28	CO2018013675
BR112018074326	A1	2018-12-04	BR112018074326
AU2017281436	A1	2018-11-22	AU2017281436
CA3023275	A1	2017-12-28	CA3023275
US20170372189	A1	2017-12-28	US20170372189
WO2017/223013	A1	2017-12-28	WO2017223013

**Abstract**

(EP3475136)

Methods, systems, apparatuses, and computer program products are provided for altering the **behavior** of an **electronic** personal **assistant** 106 based on a situation associated with a mobile device 300. A situation is sensed with a plurality of sensors 102A - 102C to generate **sensor** data 110A - HOC. A situation score is calculated based on the **sensor** data. **Behavior** of the **electronic** personal **assistant** 106 is altered based on the calculated situation score. In one aspect, the situation is a driving situation in which a **driver** drives a **vehicle** on a roadway. In such case, a driving situation score is calculated based on the **sensor** data, and **behavior** of the **electronic** personal **assistant** is altered based on the calculated driving situation score, such as suspending interactions by the **electronic** personal **assistant** with the **driver** to avoid the **driver** being distracted. A user may optionally provide a request 108 to **electronic** personal **assistant** 106 verbally. Request 108 is also received by driving situation monitor 302 through **electronic** personal **assistant** 106 or is directly received from

the user. Under normal circumstances, **electronic** personal **assistant** 106 may respond verbally to request 108 with an answer 114. Situation score 112, however, may cause **electronic** personal **assistant** 106 to change its **behavior**. In such case, **electronic** personal **assistant** 106 may suspend answer 114 (or other interaction) by not speaking to the user, and/or may alter its **behavior** in another way. Suspending answer 114 may last at least until driving situation monitor 302 determines **electronic** personal **assistant** 106 can resume normal interactions.

Inventors

JOO TAE HONG

ELABBADY TAREK Z

HABIB MONA SOLIMAN

Latest standardized assignees - inventors removed

MICROSOFT TECHNOLOGY LICENSING

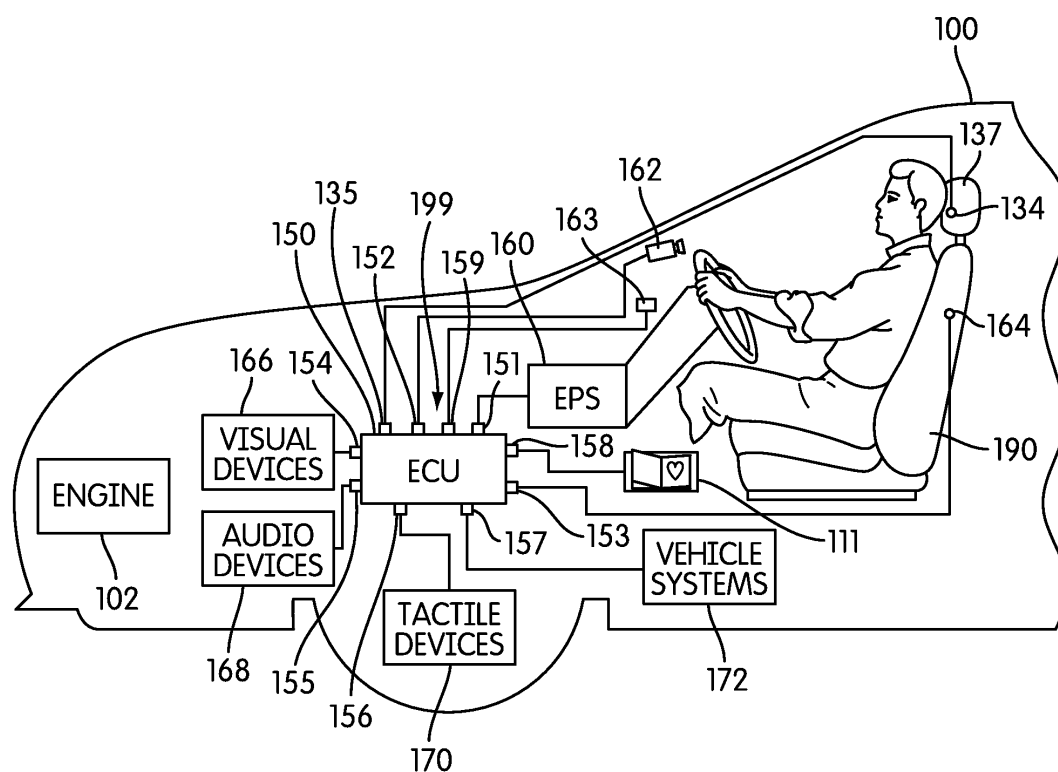
Family 2/15 - FAMPAT - ©Questel

Title

(EP3100927)

System and method for responding to **driver behavior**

Images



Publication numbers with kind code & date

JP6482096	B2	2019-03-13	JP6482096
JP2019023079	A	2019-02-14	JP2019023079
KR10-2018-0127547	A	2018-11-28	KR20180127547
JP6410766	B2	2018-10-24	JP6410766
US20180072310	A1	2018-03-15	US20180072310
US9855945	B2	2018-01-02	US9855945
KR20170130632	A	2017-11-28	KR20170130632
JP2017200822	A	2017-11-09	JP2017200822
EP3100927	A1	2016-12-07	EP3100927
US9505402	B2	2016-11-29	US9505402
JP2016186821	A	2016-10-27	JP2016186821



US9440646	B2	2016-09-13	US9440646				
CN103370252	B	2016-08-17	CN103370252B				
EP2675686	B1	2016-08-17	EP2675686				
CA2826549	C	2016-06-28	CA2826549				
IN6218/CHENP/2013	A	2016-06-17	IN2013CN06218				
US20160152233	A1	2016-06-02	US20160152233				
KR20160055969	A	2016-05-18	KR20160055969				
US9296382	B2	2016-03-29	US9296382				
US9292471	B2	2016-03-22	US9292471				
JP2015110411	A	2015-06-18	JP2015110411				
KR20150032598	A	2015-03-26	KR20150032598				
US20140371984	A1	2014-12-18	US20140371984				
AU2012218054	B2	2014-10-23	AU2012218054				
US20140309881	A1	2014-10-16	US20140309881				
EP2675686	A4	2014-08-06	EP2675686				
MX2013009434	A	2014-07-09	MX2013009434				
JP2014511301	A	2014-05-15	JP2014511301				
US8698639	B2	2014-04-15	US8698639				
KR20140007444	A	2014-01-17	KR20140007444				
EP2675686	A1	2013-12-25	EP2675686				
CN103370252	A	2013-10-23	CN103370252				
US20130245886	A1	2013-09-19	US20130245886				
US20130226408	A1	2013-08-29	US20130226408				
AU2012218054	A1	2013-08-08	AU2012218054				
CA2826549	A1	2012-08-23	CA2826549				
US20120212353	A1	2012-08-23	US20120212353				
WO2012/112300	A1	2012-08-23	WO2012112300				

Abstract

(EP3100927)

The present invention provides a method of controlling a **vehicle** system (172) in a motor **vehicle**, comprising: receiving monitoring information; determining a body state index for a **driver**, the body state index characterizing drowsiness; determining a control parameter using the body state index; and operating a **vehicle** system (172) using the control parameter.

Inventors

FUNG KIN C

DICK TIMOTHY J

Latest standardized assignees - inventors removed

HONDA MOTOR

Family 3/15 - FAMPAT - ©Questel

Title

(EP3458950)

Synchronization and task delegation of a digital **assistant****Images**

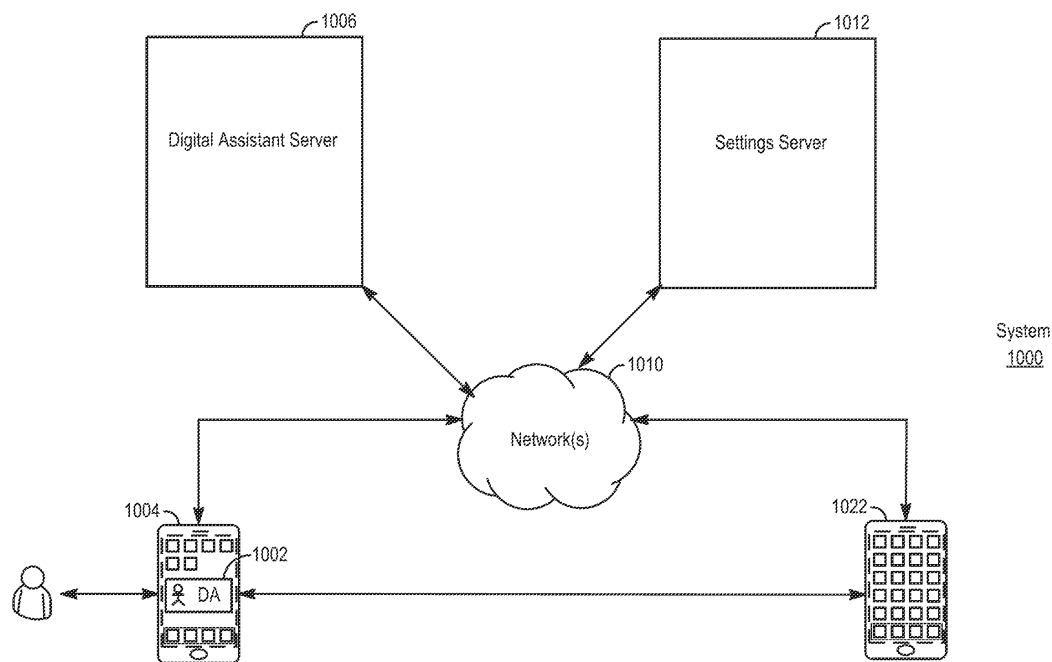
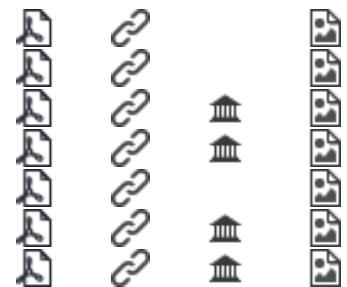


FIG. 10

Publication numbers with kind code & date

KR10-2019-0052162	A	2019-05-15	KR20190052162
KR10-1978352	B1	2019-05-14	KR101978352
EP3458950	A1	2019-03-27	EP3458950
CN109257941	A	2019-01-22	CN109257941
KR10-2018-0133525	A	2018-12-14	KR20180133525
AU2018256560	A1	2018-11-29	AU2018256560
WO2018/208506	A1	2018-11-15	WO2018208506



Abstract

(EP3458950)

Systems and processes for operating an intelligent automated assistant are provided. In one example process, a first instance of a digital assistant operating on a first electronic device receives a natural-language speech input indicative of a user request. The first electronic device obtains a set of data corresponding to a second instance of the digital assistant on a second electronic device, and updates one or more settings of the first instance of the digital assistant based on the received set of data. The first instance of the digital assistant performs one or more tasks based on the updated one or more settings and provides an output indicative of whether the one or more tasks are performed.

Inventors

PHIPPS BENJAMIN S

FRAZZINGARO GENNARO

SCHRAMM KARL F

Latest standardized assignees - inventors removed

APPLE

Family 4/15 - FAMPAT - ©Questel

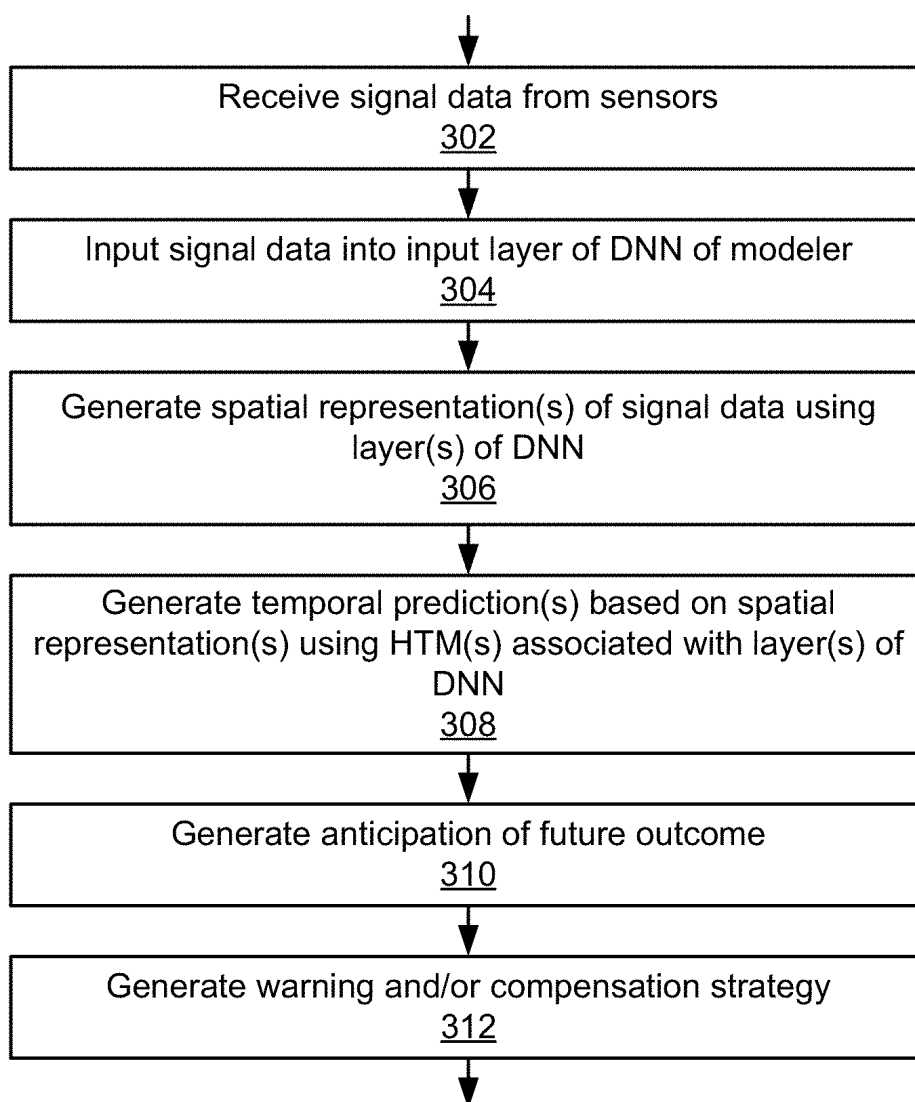
Title

(US20180053093)

Integrative Cognition of Driver Behavior

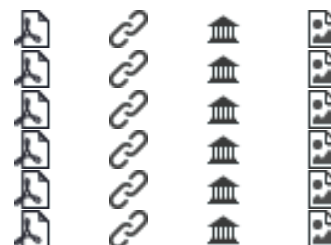
Images

300



Publication numbers with kind code & date

JP6369611	B2	2018-08-08	JP6369611
JP2018027776	A	2018-02-22	JP2018027776
JP2018028906	A	2018-02-22	JP2018028906
US20180053093	A1	2018-02-22	US20180053093
US20180053102	A1	2018-02-22	US20180053102
US20180053108	A1	2018-02-22	US20180053108



Abstract

(US20180053093)

By way of example, the technology disclosed by this document is capable of receiving signal data from one or more sensors; inputting the signal data into an input layer of a deep neural network (DNN), the DNN including one or more layers; generating, using the one or more layers of the DNN, one or more spatial representations of the signal data; generating, using one or more hierarchical temporal memories (HTMs) respectively associated with the one or more layers of the DNNs, one or more temporal predictions by the DNN based on the one or more spatial representations; and generating an anticipation of a future outcome by recognizing a temporal pattern based on the one or more temporal predictions.

Inventors

OLABIYI OLUWATOBI

YALLA VEERAGANESH

MARTINSON ERIC

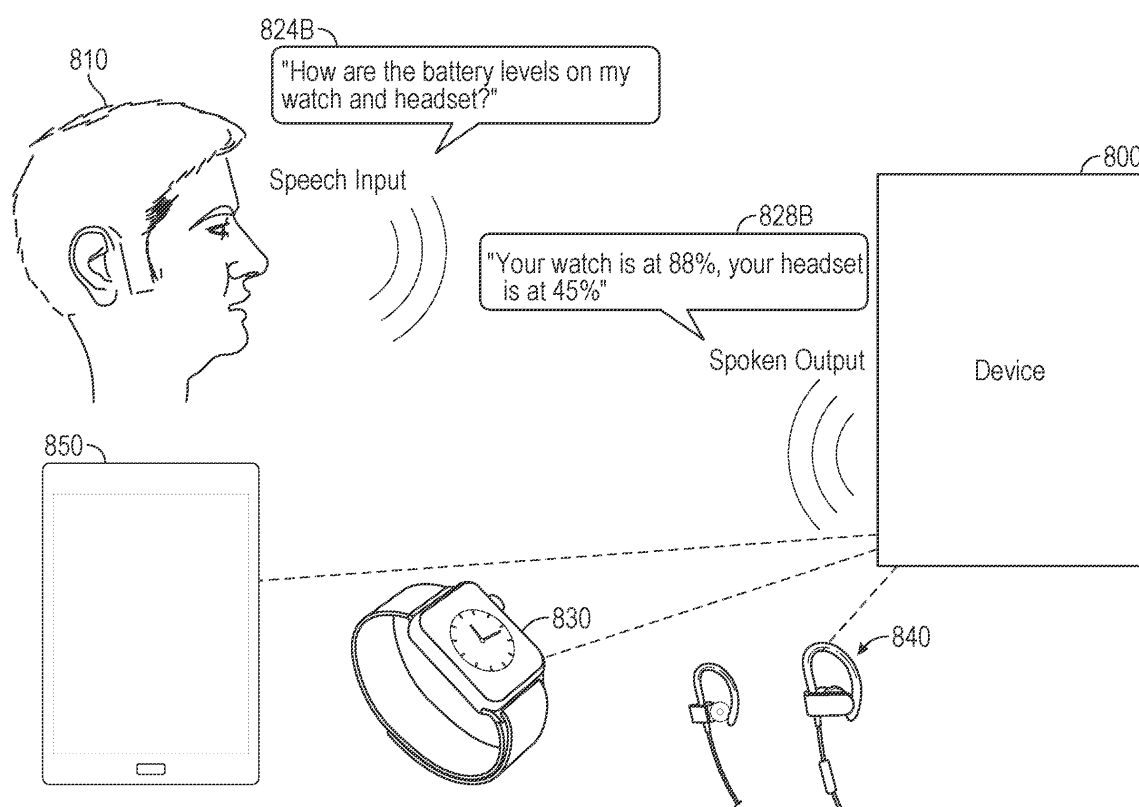
Latest standardized assignees - inventors removed

TOYOTA MOTOR

Family 5/15 - FAMPAT - ©Questel

Title

(EP3414667)

Digital **assistant** providing automated status report**Images****Publication numbers with kind code & date**

US10490187	B2	2019-11-26	US10490187
EP3414667	A4	2019-10-16	EP3414667
AU2016409896	B2	2019-09-12	AU2016409896
EP3414667	A1	2018-12-19	EP3414667
KR20180114948	A	2018-10-19	KR20180114948
AU2016409896	A1	2018-09-27	AU2016409896
AU2017100557	B4	2018-01-25	AU2017100557
DK201770355	A1	2018-01-15	DK201770355
CN107491284	A	2017-12-19	CN107491284
US20170358300	A1	2017-12-14	US20170358300
WO2017/213690	A1	2017-12-14	WO2017213690
AU2017100557	A4	2017-06-29	AU2017100557

**Abstract**

(EP3414667)

Systems and processes for operating a digital **assistant** are provided. In one example process, a **speech** input is received from a user. A user intent is determined based on the **speech** input. Determining the user intent includes generating text

based on the **speech** input, performing natural language processing of the text, and determining the user intent based on a result of the natural language processing. In accordance with the user intent, status information associated with at least one of the one or more **electronic** devices is requested. The status information associated with the at least one of the one or more **electronic** devices is received. A spoken output is generated and represents the status information associated with the at least one of the one or more **electronic** devices. The spoken output is caused to be provided to the user.

Inventors

LAURENS PETER ALLAN

VERWYMEREN CHRISTOPHER

BOOKER SUSAN L

MOORE JONATHAN J

MALANI ROSHNI

PHIPPS BENJAMIN S

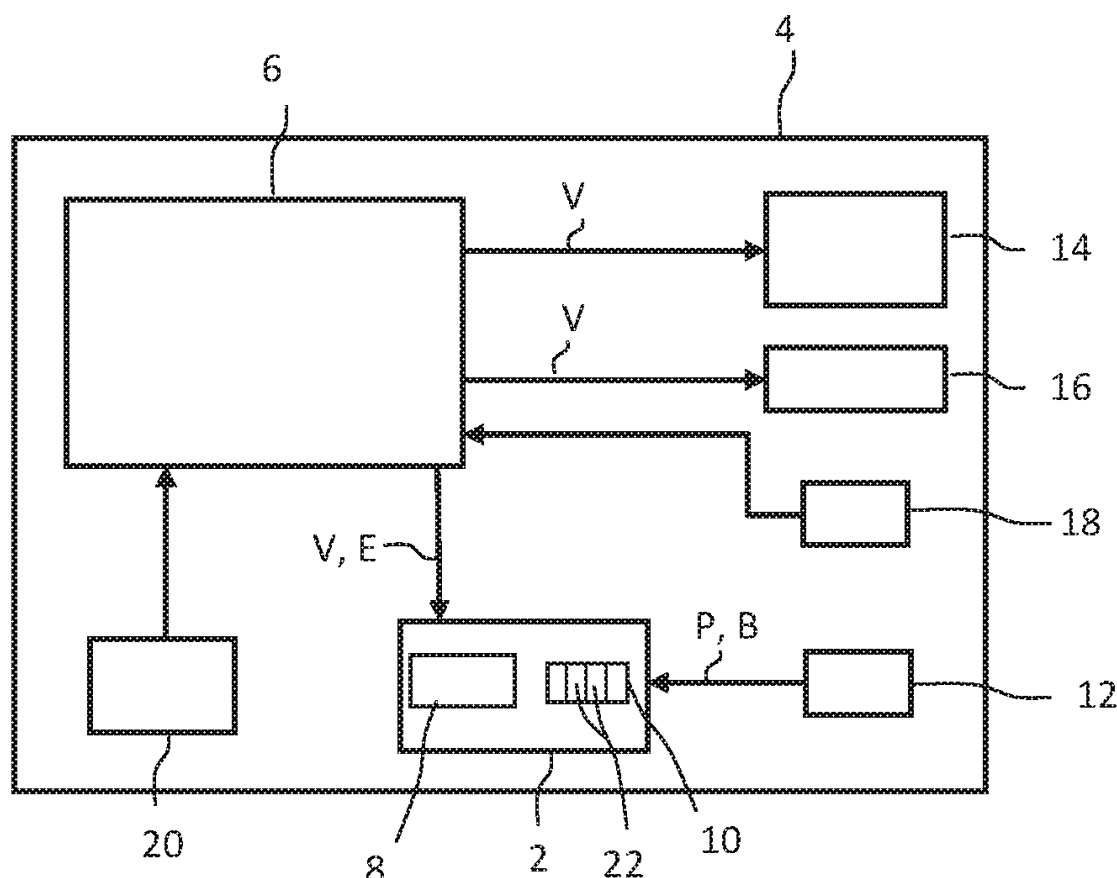
Latest standardized assignees - inventors removed

APPLE

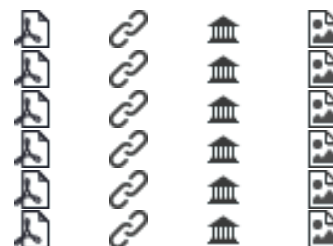
Family 6/15 - FAMPAT - ©Questel

Title

(EP3140817)

Driver assistance system and method for automatically logging log data**Images****Publication numbers with kind code & date**

JP6592451	B2	2019-10-16	JP6592451
US10343697	B2	2019-07-09	US10343697
CN106458222	B	2018-11-27	CN106458222B
EP3140817	B1	2018-03-14	EP3140817
US20170197632	A1	2017-07-13	US20170197632
JP2017517787	A	2017-06-29	JP2017517787



EP3140817	A1	2017-03-15	EP3140817				
CN106458222	A	2017-02-22	CN106458222				
KR20170004960	A	2017-01-11	KR20170004960				
DE112015000262	A5	2016-09-22	DE112015000262				
DE102014208638	A1	2015-11-12	DE102014208638				
WO2015/169312	A1	2015-11-12	WO2015169312				

Abstract

(EP3140817)

The invention relates to a **driver** assistance system (6) and a method for automatically logging a transition of the responsibility during a status change (W) between a fully automatic control and a manual control of a motor **vehicle** (4), comprising an event data writer (2) with a data storage (10) and with a control unit (8). The control unit (8) is designed such that a time-limited recording of log data (P, B) is triggered by means of the data storage (10) when a pre-warning signal (V), which announces the status change (W) between the fully automatic **vehicle** operation and the manual **vehicle** operation, is transmitted to the controller unit (8). In this manner, a secure logging process of the transition of the responsibility is ensured.

Inventors

RIETH PETER E

Latest standardized assignees - inventors removed

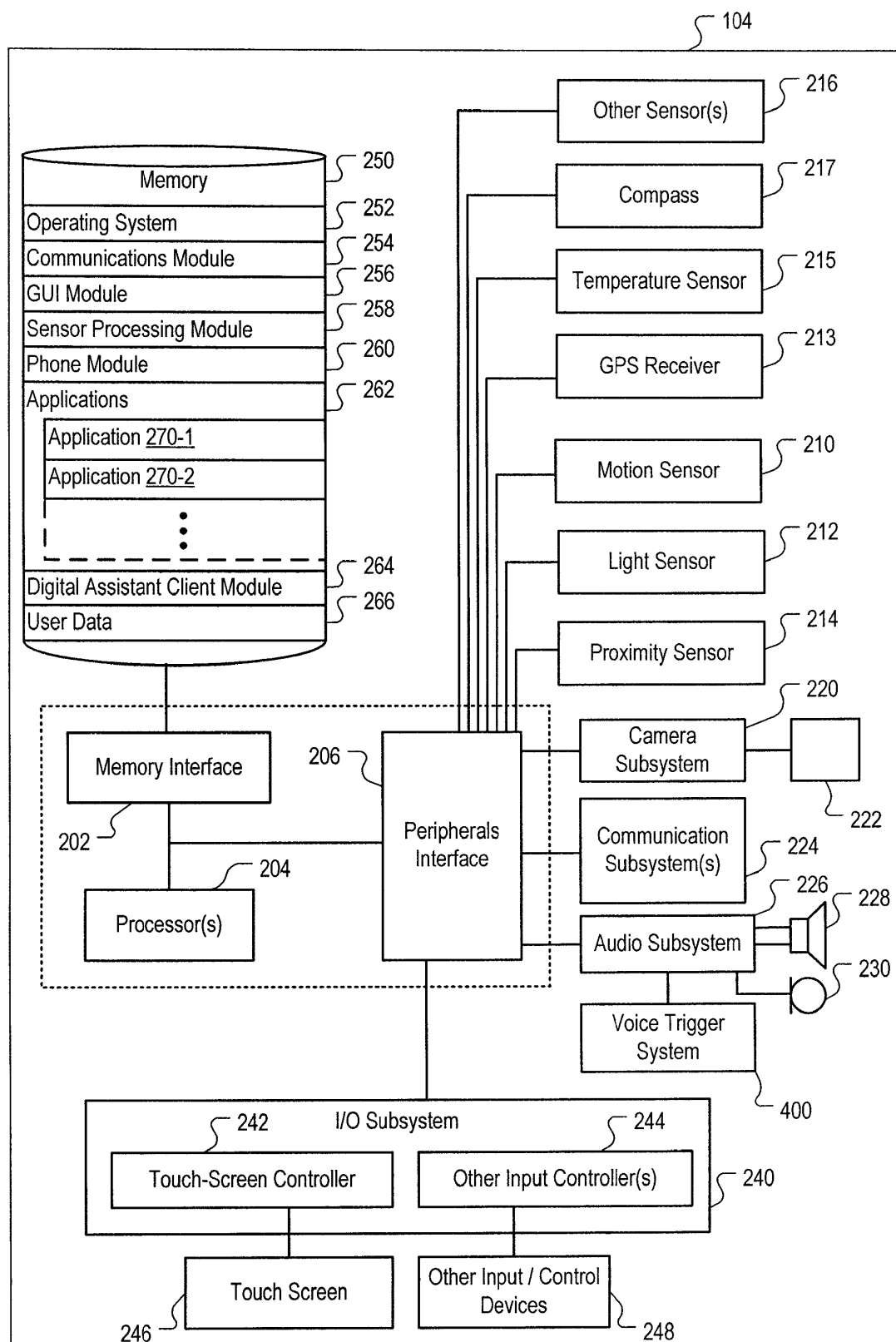
CONTINENTAL TEVES

Family 7/15 - FAMPAT - ©Questel

Title

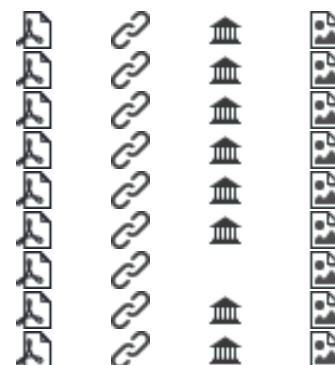
(EP2954514)

Voice trigger for a digital **assistant****Images**



Publication numbers with kind code & date

JP6581174	B2	2019-09-25	JP6581174
AU2019204501	A1	2019-07-18	AU2019204501
US20190122692	A1	2019-04-25	US20190122692
AU2017210578	B2	2019-03-28	AU2017210578
US10199051	B2	2019-02-05	US10199051
JP2018109980	A	2018-07-12	JP2018109980
KR20180071426	A	2018-06-27	KR20180071426
AU2017210578	A1	2017-08-24	AU2017210578
BR112015018905	A2	2017-07-18	BR112015018905



KR20160127165	A	2016-11-02	KR20160127165				
IN4245/CHENP/2015	A	2016-07-01	IN2015CN04245				
JP2016508007	A	2016-03-10	JP2016508007				
EP2954514	A2	2015-12-16	EP2954514				
DE212014000045	U1	2015-11-05	DE212014000045				
DE112014000709	T5	2015-10-22	DE112014000709				
CN104969289	A	2015-10-07	CN104969289				
KR20150104615	A	2015-09-15	KR20150104615				
AU2014214676	A1	2015-08-27	AU2014214676				
BR112015018905	A1	2015-08-18	BR112015018905				
WO2014/124332	A3	2014-10-16	WO2014124332				
WO2014/124332	A2	2014-08-14	WO2014124332				
US20140222436	A1	2014-08-07	US20140222436				

Abstract

(EP2954514)

A method for operating a voice trigger is provided. In some implementations, the method is performed at an **electronic** device including one or more processors and memory storing instructions for execution by the one or more processors. The method includes receiving a sound input. The sound input may correspond to a spoken word or phrase, or a portion thereof. The method includes determining whether at least a portion of the sound input corresponds to a predetermined type of sound, such as a human voice. The method includes, upon a determination that at least a portion of the sound input corresponds to the predetermined type, determining whether the sound input includes predetermined content, such as a predetermined trigger word or phrase. The method also includes, upon a determination that the sound input includes the predetermined content, initiating a **speech**-based service, such as a voice-based digital **assistant**.

Inventors

BINDER JUSTIN G

TACKIN ONUR

POST SAMUEL D

GRUBER THOMAS R

Latest standardized assignees - inventors removed

APPLE

Family 8/15 - FAMPAT - ©Questel

Title

(EP2575128)

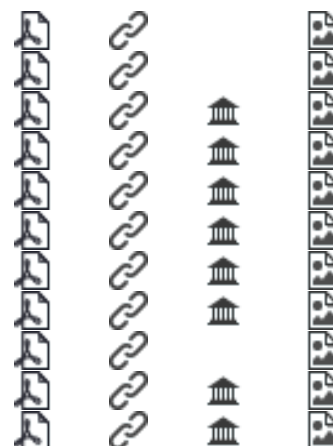
Using context information to facilitate processing of commands in a virtual **assistant**

Images



Publication numbers with kind code & date

KR10-2019-0132321	A	2019-11-27	KR20190132321
KR10-2048375	B1	2019-11-25	KR102048375
EP2761860	B1	2019-10-23	EP2761860
US10241752	B2	2019-03-26	US10241752
CA2791277	C	2019-01-15	CA2791277
EP3392876	A1	2018-10-24	EP3392876
CN108337380	A	2018-07-27	CN108337380
JP6353786	B2	2018-07-04	JP6353786
KR20180052112	A	2018-05-17	KR20180052112
JP6285883	B2	2018-02-28	JP6285883
JP2017139004	A	2017-08-10	JP2017139004



JP2017139004	A	2017-08-10	JP2017139004				
EP3200185	A1	2017-08-02	EP3200185				
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BR102012024861	A2	2017-02-14	BR102012024861				
CN103226949	B	2017-02-01	CN103226949B				
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KR101617665	B1	2016-05-03	KR101617665				
IN4079/CHE/2012	A	2016-04-22	IN2012CH04079				
AU2016200568	A1	2016-02-18	AU2016200568				
HK1200621	A1	2015-08-07	HK1200621				
JP2015122104	A	2015-07-02	JP2015122104				
RU2542937	C2	2015-02-27	RU2542937				
JP5698203	B2	2015-02-20	JP5698203				
JP2015501022	A	2015-01-08	JP2015501022				
EP2761860	A1	2014-08-06	EP2761860				
CN103959751	A	2014-07-30	CN103959751				
US20140195252	A1	2014-07-10	US20140195252				
KR20140082771	A	2014-07-02	KR20140082771				
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US20140040748	A1	2014-02-06	US20140040748				
US20130275138	A1	2013-10-17	US20130275138				
US20130275875	A1	2013-10-17	US20130275875				
US20130275899	A1	2013-10-17	US20130275899				
EP2575128	A3	2013-08-14	EP2575128				
CN103226949	A	2013-07-31	CN103226949				
BR102012024861	A1	2013-07-30	BR102012024861				
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AU2012232977	A1	2013-04-18	AU2012232977				
KR20130035983	A	2013-04-09	KR20130035983				
DE102012019178	A1	2013-04-04	DE102012019178				
WO2013/048880	A1	2013-04-04	WO201348880				
EP2575128	A2	2013-04-03	EP2575128				
GB2495222	A	2013-04-03	GB2495222				
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CA2791277	A1	2013-03-30	CA2791277				
CA3023918	A1	2013-03-30	CA3023918				
GB201217449	D0	2012-11-14	GB201217449				

Abstract

(EP2575128)

A virtual **assistant** uses context information to supplement natural language or gestural input from a user. Context helps to clarify the user's intent and to reduce the number of candidate interpretations of the user's input, and reduces the need for the user to provide excessive clarification input. Context can include any available information that is usable by the **assistant** to supplement explicit user input to constrain an information-processing problem and/or to personalize results. Context can be used to constrain solutions during various phases of processing, including, for example, **speech** recognition, natural language processing, task flow processing, and dialog generation.

Inventors

GRUBER THOMAS

KEEN DAN

BRIGHAM CHRISTOPHER

NOVICK GREGORY

PHIPPS BENJAMIN

Latest standardized assignees - inventors removed

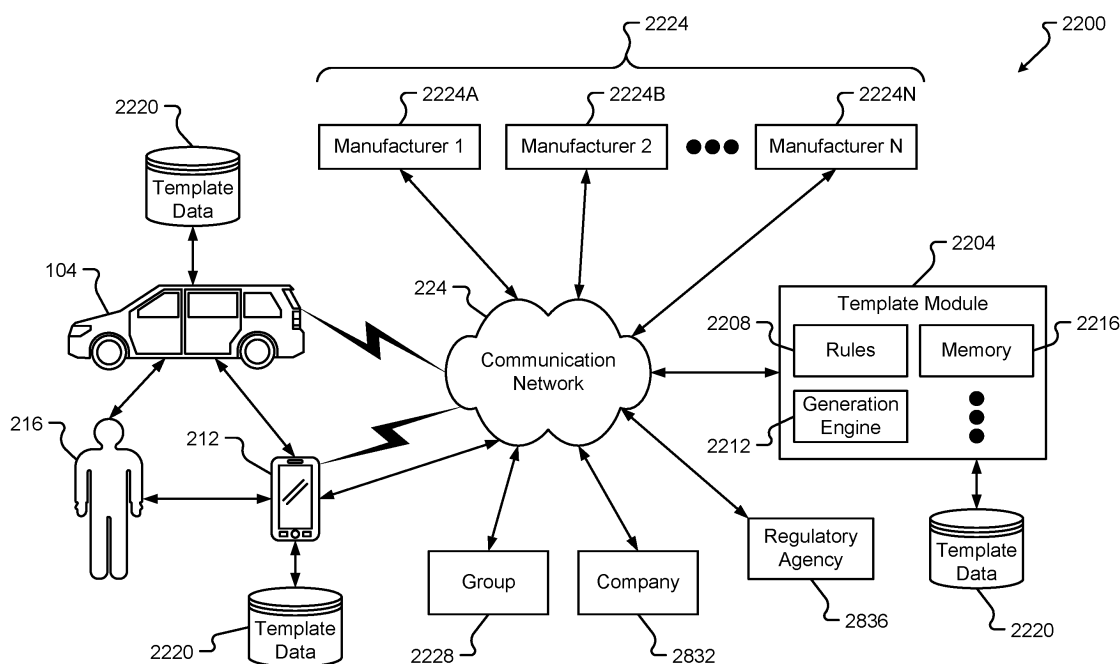
APPLE

Family 9/15 - FAMPAT - ©Questel

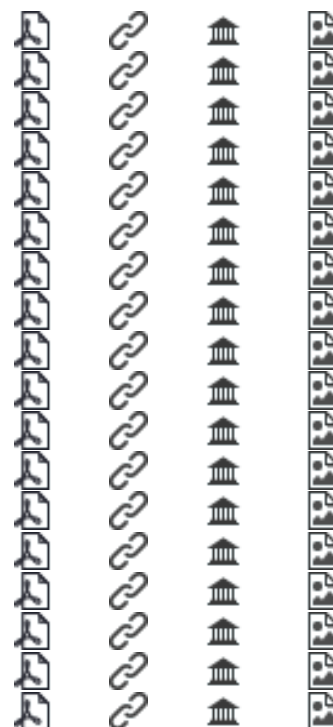
Title

(EP2817591)

Altered map routes based on user profile information

Images**Publication numbers with kind code & date**

US20190308639	A1	2019-10-10	US20190308639
US20190279447	A1	2019-09-12	US20190279447
US10059342	B2	2018-08-28	US10059342
CN104379414	B	2018-05-29	CN104379414B
US9883209	B2	2018-01-30	US9883209
US20170249095	A1	2017-08-31	US20170249095
CN104428826	B	2017-05-17	CN104428826B
CN104321220	B	2017-03-08	CN104321220B
EP2987153	A4	2016-09-21	EP2987153
EP2817176	A4	2016-08-10	EP2817176
EP2987153	A1	2016-02-24	EP2987153
EP2817170	A4	2015-11-04	EP2817170
EP2817787	A4	2015-10-21	EP2817787
EP2834598	A4	2015-10-21	EP2834598
EP2817591	A4	2015-10-07	EP2817591
CN104520676	A	2015-04-15	CN104520676
CN104428826	A	2015-03-18	CN104428826
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CN104379414	A	2015-02-25	CN104379414				
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CN104321620	A	2015-01-28	CN104321620				
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EP2817176	A2	2014-12-31	EP2817176				
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US20140310031	A1	2014-10-16	US20140310031				
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US20140310610	A1	2014-10-16	US20140310610				
US20140310702	A1	2014-10-16	US20140310702				

Abstract

(EP2817591)

Methods and systems for an improved navigation environment are provided. The navigation system can route users to preferred locations based on user profile data and past experience with the present **driver** and other drivers. The system provides more cost-effective and time-sensitive routing by incorporating other information about destinations. Further, the navigation system provides enhanced guidance in foreign or unfamiliar locations by incorporating experience from other drivers and other data.

Inventors

RICCI CHRISTOPHER P

LINDON BRENT R

Latest standardized assignees - inventors removed

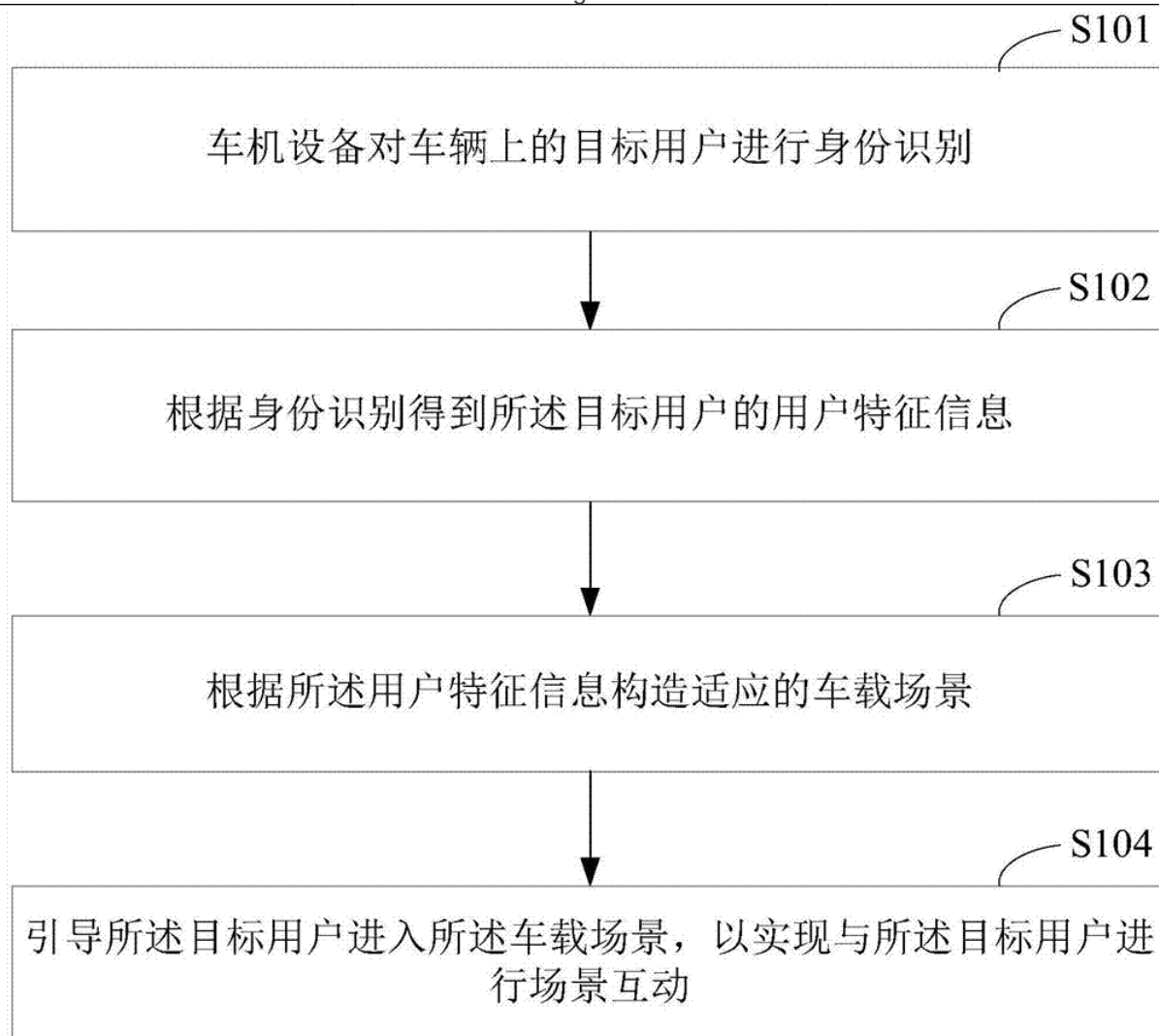
IP OPTIMUM

Family 10/15 - FAMPAT - ©Questel

Title

(CN109131355)

Vehicle, **vehicle** equipment and **vehicle** scene interaction method based on user identification**Images**

**Publication numbers with kind code & date**

CN109131355

A

2019-01-04

CN109131355

**Abstract**

(CN109131355)

The present application relate to the field of **vehicle** technology, and provides a **vehicle**, **vehicle** equipment and **vehicle** scene interaction method based on user identification, the **vehicle**-machine equipment identifies the target user on the **vehicle**, obtains the user characteristic information of the target user according to the identification, constructs an adaptive **vehicle**-mounted scene accordingto the user characteristic information, guides the target user into the **vehicle**-mounted scene, so as to realize scene interaction with the target user. In this manner, the present application is capable of identifying a user according to the user on the **vehicle**, then according to different users to provide different interactive scenarios, the user driving the **vehicle** is no longer boring and monotonous, but also in some special scenarios to help guide other users needed to be cared, to avoid these special users to interfere with driving **behavior**, to ensure driving safety and enrich the user experience.

Inventors

YING YILUN

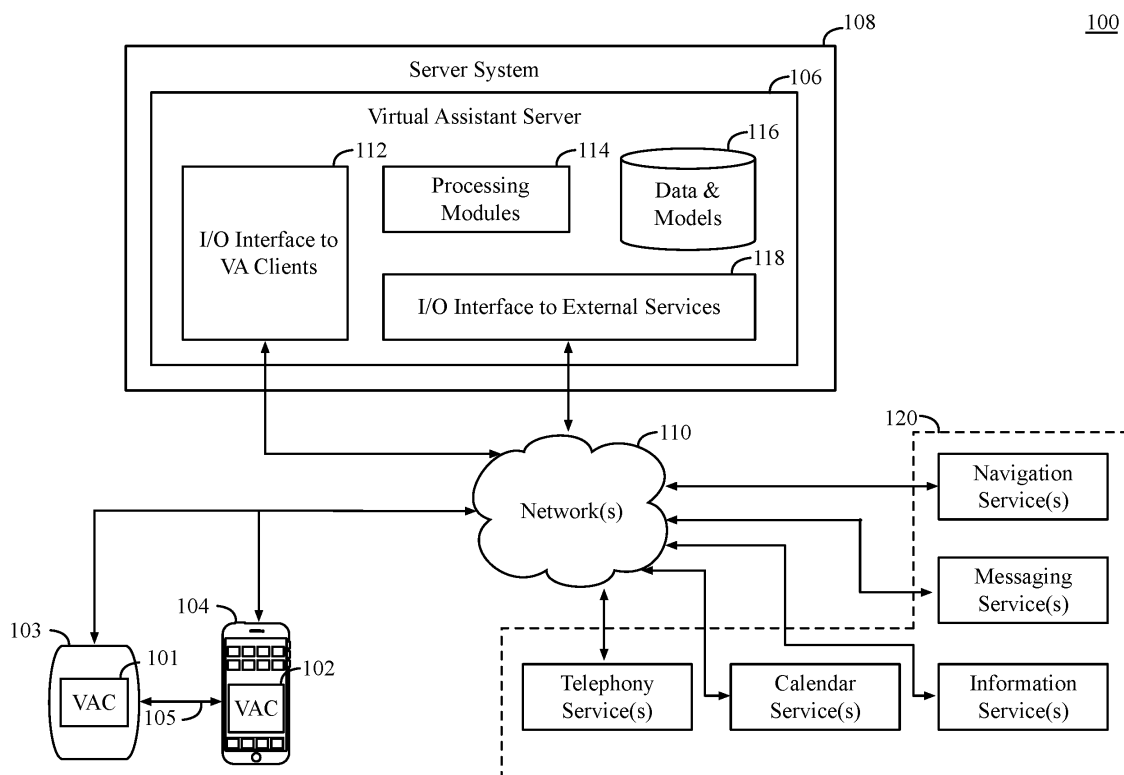
Latest standardized assignees - inventors removedSHANGHAI PATEO **ELECTRONIC** EQUIPMENT MANUFACTURING

Family 11/15 - FAMPAT - ©Questel

Title

(WO201979015)

Personal domain for a virtual **assistant** system on a communal device**Images**



Publication numbers with kind code & date

CN109698856	A	2019-04-30	CN109698856
US20190122001	A1	2019-04-25	US20190122001
US20190124049	A1	2019-04-25	US20190124049
WO2019/079015	A1	2019-04-25	WO201979015
WO2019/079017	A1	2019-04-25	WO201979017



Abstract

(WO2019/079015)

One embodiment provides a data processing system on a communal **electronic** device, the data processing system comprising a memory device to store instructions and one or more processors to execute the instructions stored on the memory device. The instructions cause the one or more processors to provide a virtual **assistant** to receive commands at the communal **electronic** device, where the virtual **assistant**, via the one or more processors, is configured to receive a command at the communal **electronic** device and determine whether the command is to access personal data of a user associated with the communal **electronic** device. Personal data of the user includes data that is specific to the user. In response to a determination that the command is to access personal data of the user, the virtual **assistant** can send a request to a personal **electronic** device of the user to process at least a portion of the command.

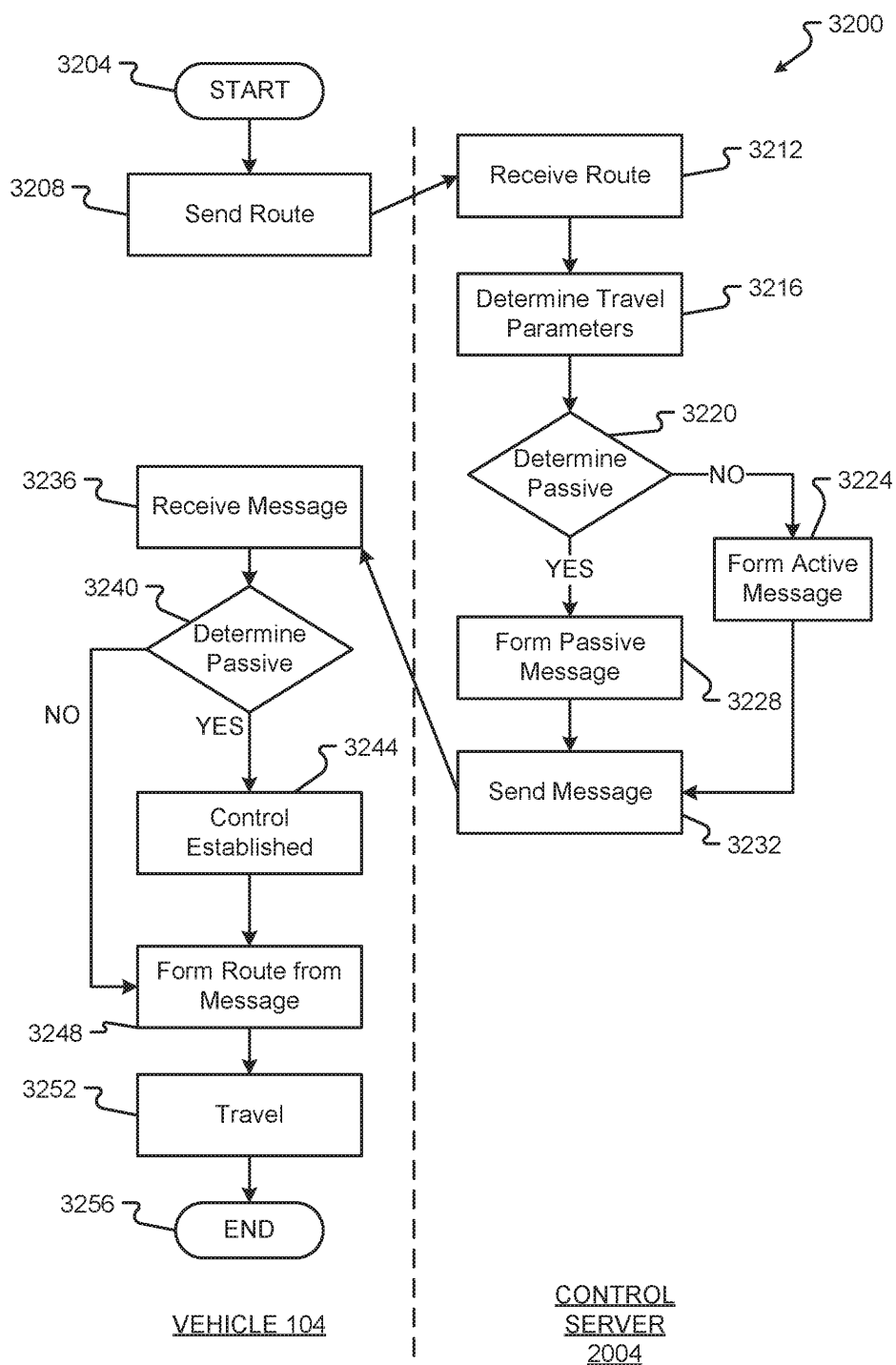
Inventors

BRADLEY BOB
 ANDRUS SCOTT M
 KROCHMAL MARC
 PHIPPS BENJAMIN S
 SARMA BHASKAR P
 SCHRAMM KARL F
 WOOD JUSTIN N

Latest standardized assignees - inventors removed

APPLE

(US20160039430)

Providing gesture control of associated **vehicle** functions across **vehicle** zones**Images****Publication numbers with kind code & date**

US10275959	B2	2019-04-30
US10013878	B2	2018-07-03
US9994229	B2	2018-06-12
US9952680	B2	2018-04-24
US20170247000	A1	2017-08-31
US20170131712	A1	2017-05-11
US20170108935	A1	2017-04-20

US10275959
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US9994229
US9952680
US20170247000
US20170131712
US20170108935



US20170097243	A1	2017-04-06	US20170097243				
US20170099295	A1	2017-04-06	US20170099295				
US20170082447	A1	2017-03-23	US20170082447				
US20170075701	A1	2017-03-16	US20170075701				
US20170078223	A1	2017-03-16	US20170078223				
US20170066406	A1	2017-03-09	US20170066406				
US20170067747	A1	2017-03-09	US20170067747				
US9545930	B2	2017-01-17	US9545930				
US20160325755	A1	2016-11-10	US20160325755				
US20160318467	A1	2016-11-03	US20160318467				
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US20160321848	A1	2016-11-03	US20160321848				
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US20160039430	A1	2016-02-11	US20160039430				
US20160040998	A1	2016-02-11	US20160040998				
US20160041820	A1	2016-02-11	US20160041820				

Abstract

(US20160039430)

Methods and systems are presented for accepting inputs into a **vehicle** or other conveyance to control functions of the conveyance. A **vehicle** control system can receive gestures and other inputs. The **vehicle** control system can also obtain information about the user of the **vehicle** control system and information about the environment in which the conveyance is operating. Based on the input and the other information, the **vehicle** control system can modify or improve the performance or execution of user interface and functions of the conveyance. The changes make the user interfaces and/or functions user-friendly and intuitive.

Inventors

RICCI CHRISTOPHER P

Latest standardized assignees - inventors removed

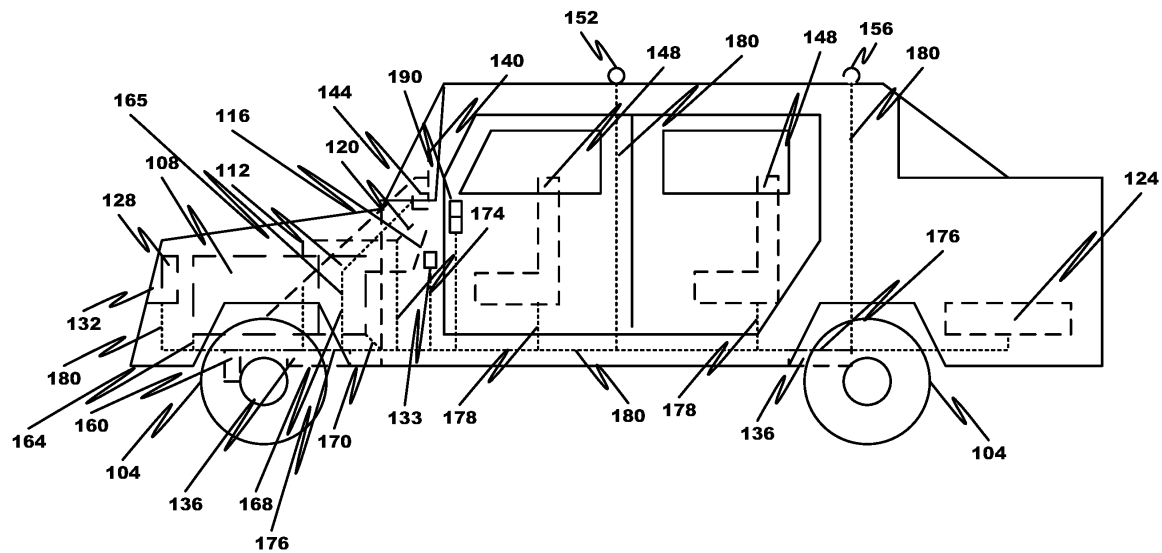
IP OPTIMUM

Family 13/15 - FAMPAT - ©Questel

Title

(US20160055747)

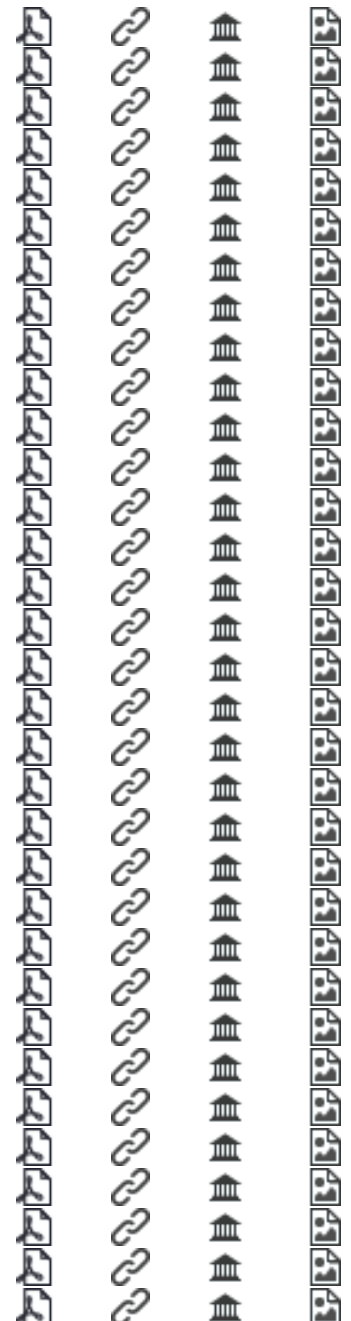
Law breaking/**behavior sensor****Images**



100

Publication numbers with kind code & date

US10079733	B2	2018-09-18	US10079733
US10023117	B2	2018-07-17	US10023117
US10020995	B2	2018-07-10	US10020995
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US9317983	B2	2016-04-19	US9317983
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US8979159	B2	2015-03-17	US8979159				
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US20130138714	A1	2013-05-30	US20130138714				

Abstract

(US20160055747)

Methods and systems for a complete **vehicle** ecosystem are provided. Specifically, systems that when taken alone, or together, provide an individual or group of individuals with an intuitive and comfortable vehicular environment. The present disclosure builds on integrating existing technology with new devices, methods, and systems to provide a complete **vehicle** ecosystem.

Inventors

RICCI CHRISTOPHER P

Latest standardized assignees - inventors removed

AUTOCONNECT HOLDINGS

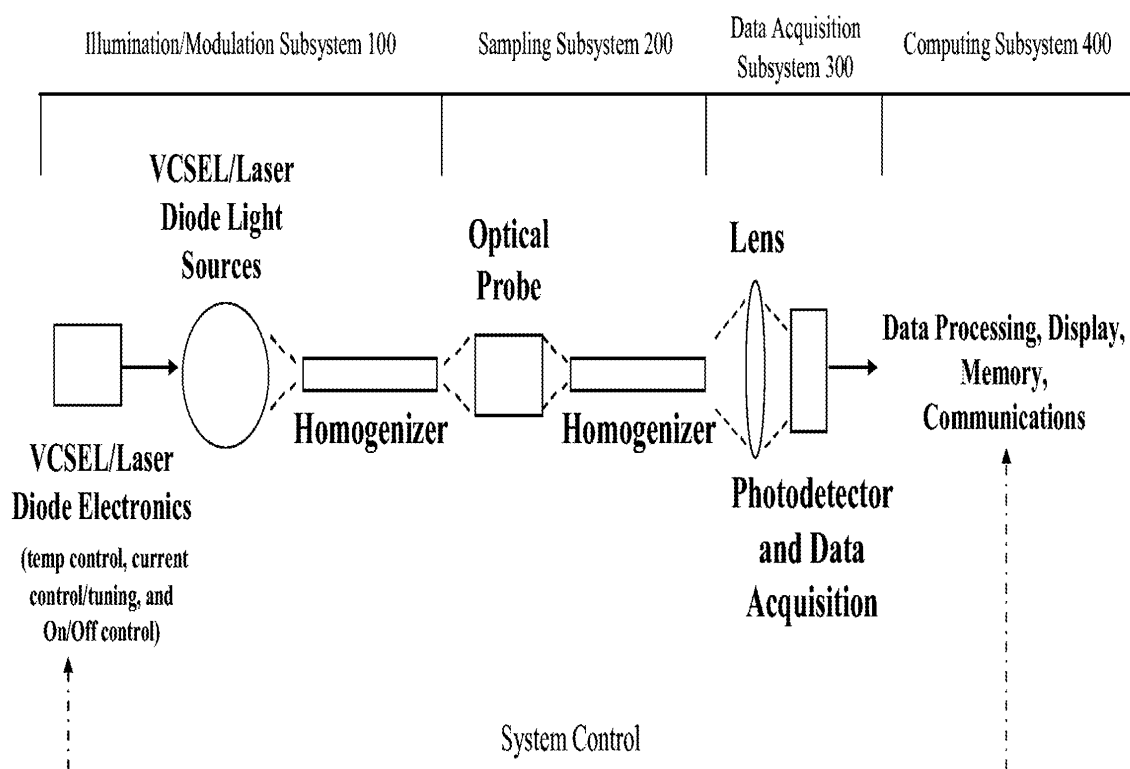
Family 14/15 - FAMPAT - ©Questel

Title

(EP2750912)

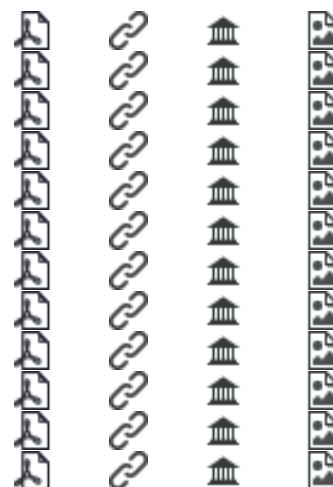
System for non-invasive measurement of an analyte in a **vehicle driver**

Images



Publication numbers with kind code & date

US20190275886	A1	2019-09-12	US20190275886
JP2019049570	A	2019-03-28	JP2019049570
US10099554	B2	2018-10-16	US10099554
CN104039577	B	2018-05-15	CN104039577B
US20170050518	A1	2017-02-23	US20170050518
JP2016202975	A	2016-12-08	JP2016202975
EP2750912	A4	2015-06-03	EP2750912
JP2014529467	A	2014-11-13	JP2014529467
CN104039577	A	2014-09-10	CN104039577
EP2750912	A1	2014-07-09	EP2750912
US20130110311	A1	2013-05-02	US20130110311
WO2013/033099	A1	2013-03-07	WO201333099



Abstract

(EP2750912)

A system for non-invasively measuring an analyte in a **vehicle driver** and controlling a **vehicle** based on a measurement of the analyte. At least one solid-state light source is configured to emit different wavelengths of light. A sample device is configured to introduce the light emitted by the at least one solid-state light source into tissue of the **vehicle driver**. One or more optical detectors are configured to detect a portion of the light that is not absorbed by the tissue of the **vehicle driver**. A controller is configured to calculate a measurement of the analyte in the tissue of the **vehicle driver** based on the light detected by the one or more optical detectors, determine whether the measurement of the analyte in the tissue of the **vehicle driver** exceeds a pre-determined value, and provide a signal to a device configured to control the **vehicle**.

Inventors

VER STEEG BENJAMIN
 RIDDER TRENT
 CECH LEONARD STEVEN
 KRAUSE JOSEPH KAE

Latest standardized assignees - inventors removed

AUTOMOTIVE COALITION FOR TRAFFIC SAFETY

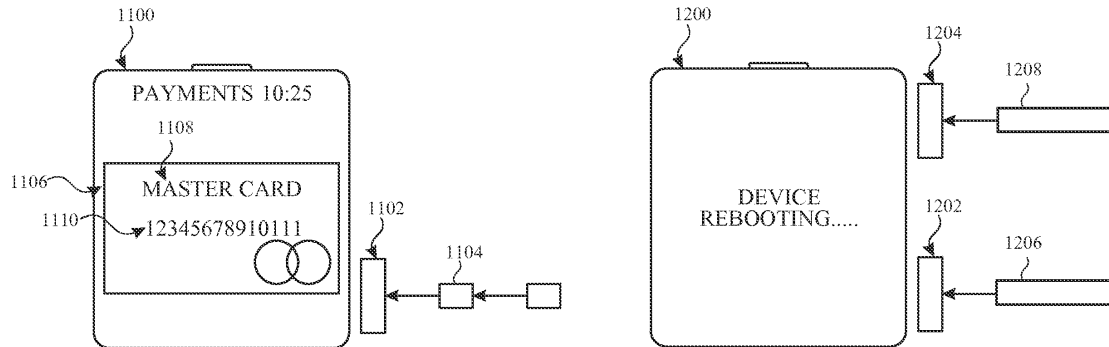
Family 15/15 - FAMPAT - ©Questel

Title

(EP2526511)

Intelligent automated **assistant**

Images



Publication numbers with kind code & date

US10496753	B2	2019-12-03	US10496753				
IN201948016386	A	2019-10-18	IN201948016386				
RU2018112505	A	2019-10-10	RU2018112505				
BR122012028966	A2	2019-07-30	BR122012028966				
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US10276170	B2	2019-04-30	US10276170				
JP6498725	B2	2019-04-10	JP6498725				
KR10-1962243	B1	2019-03-27	KR101962243				
KR10-2019-0032641	A	2019-03-27	KR20190032641				
EP3454227	A1	2019-03-13	EP3454227				
CA2954559	C	2018-12-04	CA2954559				
US10082892	B2	2018-09-25	US10082892				
JP2018116728	A	2018-07-26	JP2018116728				
JP6356501	B2	2018-07-11	JP6356501				
JP6353711	B2	2018-07-04	JP6353711				
RU2653250	C2	2018-05-07	RU2653250				
BR122012028965	A2	2018-03-27	BR122012028965				
JP2017224300	A	2017-12-21	JP2017224300				
BR112012017826	A2	2017-09-26	BR112012017826				
KR20170104006	A	2017-09-13	KR20170104006				
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CA2793118	C	2017-08-08	CA2793118				
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US9684394	B2	2017-06-20	US9684394				
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EP3131023	A1	2017-02-15	EP3131023				

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Abstract

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An intelligent automated **assistant** system engages with the user in an integrated, conversational manner using natural language dialog, and invokes external services when appropriate to obtain information or perform various actions. The system can be implemented using any of a number of different platforms, such as the web, email, smartphone, and the like, or any combination thereof. In one embodiment, the system is based on sets of interrelated domains and tasks, and employs additional functionally powered by external services with which the system can interact.

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Latest standardized assignees - inventors removed

APPLE