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(71) Applicants: **VOLKSWAGEN AKTIENGESELLSCHAFT** [DE/DE]; Berliner Ring 2, 38440 Wolfsburg (DE). **AUDI AG** [DE/DE]; Auto-Union-Straße 1, 85045 Ingolstadt (DE).

(72) Inventors: **MARIO, Toppelhofer**; 720 Tulne Ct., San Mateo, California 94402 (US). **STEFAN, Sellschopp**; 4271 Suzanne Drive, Palo Alto, California 94306 (US). **RILEY, Jessica**; 1921 Rock St, #15, Mountain View, California 94043 (US).

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BZ, CA, CH, CL, CN, CO, CR, CU, CZ, DE, DK, DM, DO, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, GT, HN, HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KN, KP, KR, KZ, LA, LC, LK, LR, LS, LT, LU, LY, MA, MD, ME, MG, MK, MN, MW, MX, MY, MZ, NA, NG, NI, NO, NZ, OM, PA, PE, PG, PH, PL, PT, QA, RO, RS, RU, RW, SC, SD, SE, SG, SK, SL, SM, ST, SV, SY, TH, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, ZA, ZM, ZW.

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(54) Title: NAVIGATION SYSTEM AND METHOD FOR AN ELECTRIC VEHICLE TRAVELLING FROM A STARTING POINT TO A DESTINATION

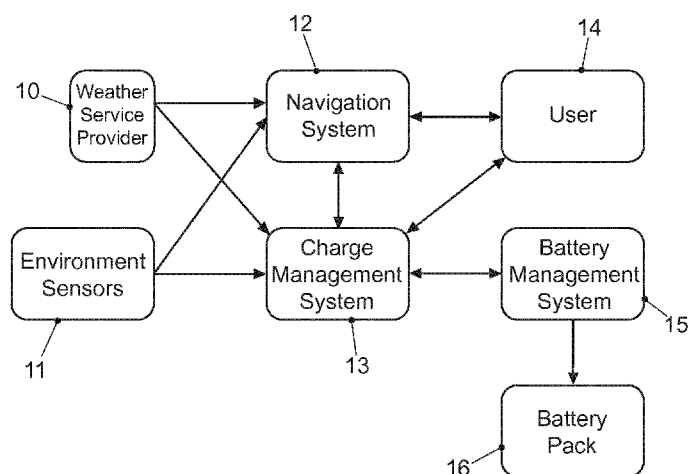


FIG. 1

(57) Abstract: A method for an electric vehicle travelling from a starting point to a destination, a navigation system for an electric vehicle, a method for charging an electrical energy storage device of an electric vehicle, a charger for charging an electrical energy storage device of an electric vehicle, and an electric vehicle are described.

INTERNATIONAL SEARCH REPORT

International application No
PCT/EP2013/051790

A. CLASSIFICATION OF SUBJECT MATTER
INV. B60L15/20 B60L11/18 G01C21/34 G06F7/00 H02J7/00
ADD.

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
B60L

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

EPO-Internal, WPI Data

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	WO 2011/134992 A1 (AVL LIST GMBH [AT]; FRAIDL GUENTER KARL [AT]; KAPUS PAUL [AT]; KORMAN) 3 November 2011 (2011-11-03) abstract figures 1-3 page 4, line 9 - line 34 page 1, line 1 - line 8 page 6, line 22 - page 8, line 38 claims 1-15	1,2,4,7, 8,10
X	US 2010/256846 A1 (SHAFFER SHMUEL [US]) 7 October 2010 (2010-10-07) abstract figures 1, 2, 3 paragraphs [0019] - [0020], [0026] claims 1-6 ----- -/-	1,3



Further documents are listed in the continuation of Box C.



See patent family annex.

* Special categories of cited documents :

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"O" document referring to an oral disclosure, use, exhibition or other means

"P" document published prior to the international filing date but later than the priority date claimed

"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

"Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art

"&" document member of the same patent family

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Name and mailing address of the ISA/

European Patent Office, P.B. 5818 Patentlaan 2
NL - 2280 HV Rijswijk
Tel. (+31-70) 340-2040,
Fax: (+31-70) 340-3016

Authorized officer

Schmitt, Gilles

INTERNATIONAL SEARCH REPORT

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C(Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT		
Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	DE 10 2009 048821 A1 (CONTI TEMIC MICROELECTRONIC [DE]) 14 April 2011 (2011-04-14) abstract figures 1-2 paragraphs [0001] - [0003], [0012], [0020] - [0028], [0044] - [0070] claims 1-5 -----	1,4,5, 7-10
X	US 2008/275644 A1 (MACNEILLE PERRY ROBINSON [US] ET AL) 6 November 2008 (2008-11-06) abstract figures 1, 2, 4 paragraphs [0004], [0017], [0032], [0035], [0037], [0048], [0052] - [0053] -----	1,5,6, 10,14
X	DE 10 2010 028356 A1 (BAYERISCHE MOTOREN WERKE AG [DE]) 3 November 2011 (2011-11-03) abstract paragraphs [0002] - [0003], [0007] - [0008], [0012] - [0018], [0030] - [0036], [0039] figures 1, 2 -----	1,2,4,5, 10
X	EP 2 385 349 A1 (LEICA GEOSYSTEMS AG [CH]) 9 November 2011 (2011-11-09) abstract figures 1, 3 paragraphs [0001] - [0005], [0023] - [0025], [0045] - [0063], [0090] - [0092], [0124] claims 1, 2, 5 -----	1,2,4, 7-10

INTERNATIONAL SEARCH REPORT

International application No.
PCT/EP2013/051790

Box No. II Observations where certain claims were found unsearchable (Continuation of item 2 of first sheet)

This international search report has not been established in respect of certain claims under Article 17(2)(a) for the following reasons:

1. ☐ Claims Nos.:
because they relate to subject matter not required to be searched by this Authority, namely:
2. ☐ Claims Nos.:
because they relate to parts of the international application that do not comply with the prescribed requirements to such an extent that no meaningful international search can be carried out, specifically:
3. ☐ Claims Nos.:
because they are dependent claims and are not drafted in accordance with the second and third sentences of Rule 6.4(a).

Box No. III Observations where unity of invention is lacking (Continuation of item 3 of first sheet)

This International Searching Authority found multiple inventions in this international application, as follows:

see additional sheet

1. ☐ As all required additional search fees were timely paid by the applicant, this international search report covers all searchable claims.
2. ☐ As all searchable claims could be searched without effort justifying an additional fees, this Authority did not invite payment of additional fees.
3. ☐ As only some of the required additional search fees were timely paid by the applicant, this international search report covers only those claims for which fees were paid, specifically claims Nos.:
4. ☒ No required additional search fees were timely paid by the applicant. Consequently, this international search report is restricted to the invention first mentioned in the claims; it is covered by claims Nos.:

1-10(completely); 14(partially)

Remark on Protest

- ☐ The additional search fees were accompanied by the applicant's protest and, where applicable, the payment of a protest fee.
- ☐ The additional search fees were accompanied by the applicant's protest but the applicable protest fee was not paid within the time limit specified in the invitation.
- ☐ No protest accompanied the payment of additional search fees.

FURTHER INFORMATION CONTINUED FROM PCT/ISA/ 210

This International Searching Authority found multiple (groups of) inventions in this international application, as follows:

1. claims: 1-10(completely); 14(partially)

relating to navigation method and a navigation system for an electric vehicle using a weather forecast to calculate an amount of energy in an electrical storage of the electric vehicle along the route.

2. claims: 11-13(completely); 14(partially)

relating to a charging method and a charger for an electric vehicle using a weather forecast to determine the starting time for the charging.

INTERNATIONAL SEARCH REPORT

Information on patent family members

International application No

PCT/EP2013/051790

Patent document cited in search report	Publication date	Patent family member(s)	Publication date
WO 2011134992 A1	03-11-2011	AT 507916 A2 EP 2563634 A1 WO 2011134992 A1	15-09-2010 06-03-2013 03-11-2011
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