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(81) **Designated States** *(unless otherwise indicated, for every kind of national protection available)*: AE, AG, AL, AM, AO, AT, AU, AZ, BA, BB, BG, BH, BN, BR, BW, BY, 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, IR, IS, JP, KE, KG, KN, KP, KR, KZ, LA, LC, LK, LR, LS, 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, SA, 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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[Continued on next page]

(54) **Title**: MANAGING FEATURES ASSOCIATED WITH A USER EQUIPMENT BASED ON A LOCATION OF THE USER EQUIPMENT WITHIN A VEHICLE

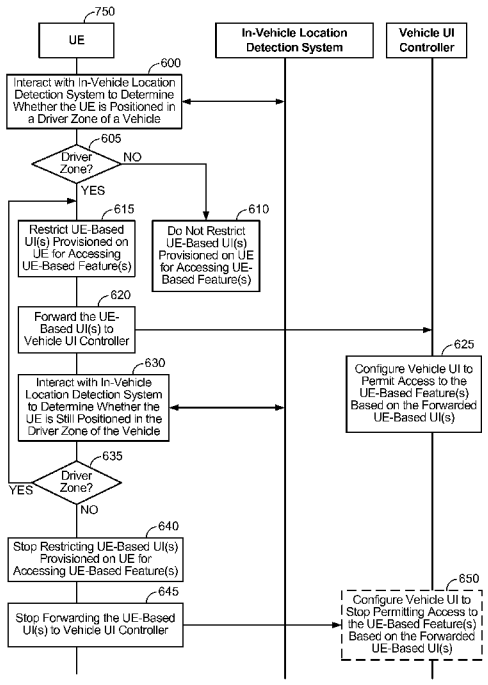


FIG. 6

(57) **Abstract**: In an aspect, a user equipment (UE) is positioned within a driver operation zone of a vehicle, one or more UE-based user interfaces (UIs) are restricted and forwarded to a vehicle-based UI controller to permit access to the one or more UE-based features via a vehicle-based UI. In another aspect, the UE in the driver operation zone is engaged in hands-free speakerphone mode via a vehicle audio system of the vehicle, and an attempt to transition the UE to handset-based audio mode is blocked. In another aspect, when a handset-based audio capture and/or playback attempt of the UE is detected, the UE interacts with a vehicle audio system to temporarily reduce volume being output by one or more proximal speakers. In another aspect, the UE streams media to a media presentation device in its own zone or another zone of the vehicle for presentation thereon.

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TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, RU, TJ, TM), European (AL, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HR, HU, IE, IS, IT, LT, LU, LV, MC, MK, MT, NL, NO, PL, PT, RO, RS, SE, SI, SK, SM, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, KM, ML, MR, NE, SN, TD, TG).

Declarations under Rule 4.17:

— *as to applicant's entitlement to apply for and be granted a patent (Rule 4.17(ii))*

— *as to the applicant's entitlement to claim the priority of the earlier application (Rule 4.17(iii))*

Published:

— *with international search report (Art. 21(3))*

— *before the expiration of the time limit for amending the claims and to be republished in the event of receipt of amendments (Rule 48.2(h))*

(88) Date of publication of the international search report:
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International application No
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A. CLASSIFICATION OF SUBJECT MATTER
INV. H04M1/60 H04M1/725 H04W4/04 H04L29/08
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)
H04M H04W H04L

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.
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Y	WO 2013/181310 A2 (FLEXTRONICS AP LLC [US]) 5 December 2013 (2013-12-05)	2
A	paragraph [0006] - paragraph [0009] paragraph [0036] - paragraph [0039] paragraph [0048] - paragraph [0054] paragraph [0064] figures 1,2 -----	1,3-7

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[X] Further documents are listed in the continuation of Box C.

[X] See patent family annex.

* Special categories of cited documents :

"A" document defining the general state of the art which is not considered to be of particular relevance

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"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

Date of the actual completion of the international search	Date of mailing of the international search report
8 October 2015	20/10/2015

Name and mailing address of the ISA/	Authorized officer
European Patent Office, P.B. 5818 Patentlaan 2 NL - 2280 HV Rijswijk Tel. (+31-70) 340-2040, Fax: (+31-70) 340-3016	Gioè, Pietro

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Form PCT/ISA/210 (second sheet) (April 2005)

C(Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
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A	paragraph [0017] - paragraph [0035]	23-30
X	WO 2013/165989 A2 (FORD GLOBAL TECH LLC [US]) 7 November 2013 (2013-11-07)	8-12
A	paragraph [0018] - paragraph [0048] figures 2-4	23-30
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A	paragraph [0036] - paragraph [0059] paragraph [0109] - paragraph [0140]	23-30
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A	US 2007/143798 A1 (JIRA JOSEPH C [US] ET AL) 21 June 2007 (2007-06-21) the whole document	23-30

INTERNATIONAL SEARCH REPORT

International application No.
PCT/US2015/018444

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.:

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: 1-7

   method for restricting and forwarding one ore more user interfaces of an user equipment located within a vehicle

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2. claims: 8-12

   method for blocking the transition from hands-free speakerphone mode to handset-based audio mode of an user equipment located within a vehicle

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3. claims: 13-22

   method for reducing the volume of one or more in-vehicle speakers located in proximity of a user equipment

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4. claims: 23-30

   method for streaming media from a user equipment to a target in-vehicle media presentation device located in proximity

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INTERNATIONAL SEARCH REPORT

Information on patent family members

International application No
PCT/US2015/018444

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Information on patent family members

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