

PATENT COOPERATION TREATY

TRANSLATION

From the
INTERNATIONAL SEARCHING AUTHORITY

PCT

WRITTEN OPINION OF THE
INTERNATIONAL SEARCHING AUTHORITY

(PCT Rule 43bis.1)

To:

Date of mailing (day/month/year) **see form PCT/ISA/210**

Applicant's or agent's file reference P807844/WO/1		FOR FURTHER ACTION See paragraph 2 below
International application No. PCT/EP2007/009498	International filing date (day/month/year) 02.11.2007	Priority date (day/month/year) 21.12.2006
International Patent Classification (IPC) or both national classification and IPC B60K37/02, B60K35/00		
Applicant DAIMLER AG		

1. This opinion contains indications relating to the following items:

- Box No. I Basis of the opinion
- Box No. II Priority
- Box No. III Non-establishment of opinion with regard to novelty, inventive step and industrial applicability
- Box No. IV Lack of unity of invention
- Box No. V Reasoned statement under Rule 43bis.1(a)(i) with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement
- Box No. VI Certain documents cited
- Box No. VII Certain defects in the international application
- Box No. VIII Certain observations on the international application

2. **FURTHER ACTION**

If a demand for international preliminary examination is made, this opinion will be considered to be a written opinion of the International Preliminary Examining Authority ("IPEA") except that this does not apply where the applicant chooses an Authority other than this one to be the IPEA and the chosen IPEA has notified the International Bureau under Rule 66.1bis(b) that written opinions of this International Searching Authority will not be so considered.

If this opinion is, as provided above, considered to be a written opinion of the IPEA, the applicant is invited to submit to the IPEA a written reply together, where appropriate, with amendments, before the expiration of 3 months from the date of mailing of Form PCT/ISA/220 or before the expiration of 22 months from the priority date, whichever expires later.

For further options, see Form PCT/ISA/220.

3. For further details, see notes to Form PCT/ISA/220.

Name and mailing address of the ISA/EP	Date of completion of this opinion	Authorized officer
Facsimile No.		Telephone No.

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Box No. I	Basis of this opinion
1.	<p>With regard to the language, this opinion has been established on the basis of:</p> <p><input checked="" type="checkbox"/> the international application in the language in which it was filed</p> <p><input type="checkbox"/> a translation of the international application into _____, which is the language of a translation furnished for the purposes of international search (Rules 12.3(a) and 23.1(b)).</p>
2.	<p><input type="checkbox"/> This opinion has been established taking into account the rectification of an obvious mistake authorized by or notified to this Authority under Rule 91 (Rule 43bis.1(a))</p>
3.	<p>With regard to any nucleotide and/or amino acid sequence disclosed in the international application and necessary to the claimed invention, this opinion has been established on the basis of:</p> <p>a. type of material</p> <p><input type="checkbox"/> a sequence listing</p> <p><input type="checkbox"/> table(s) related to the sequence listing</p> <p>b. format of material</p> <p><input type="checkbox"/> on paper</p> <p><input type="checkbox"/> in electronic form</p> <p>c. time of filing/furnishing</p> <p><input type="checkbox"/> contained in the international application as filed</p> <p><input type="checkbox"/> filed together with the international application in electronic form</p> <p><input type="checkbox"/> furnished subsequently to this Authority for the purposes of search</p>
4.	<p><input type="checkbox"/> In addition, in the case that more than one version or copy of a sequence listing and/or table(s) relating thereto has been filed or furnished, the required statements that the information in the subsequent or additional copies is identical to that in the application as filed or does not go beyond the application as filed, as appropriate, were furnished.</p>
5.	<p>Additional comments:</p>

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Box No. V	Reasoned statement under Rule 43bis.1(a)(i) with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement																		
1. Statement	<table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 20%; padding: 2px;">Novelty (N)</td> <td style="width: 60%; padding: 2px;">Claims <u>1-16</u></td> <td style="width: 20%; padding: 2px;">YES</td> </tr> <tr> <td></td> <td style="padding: 2px;">Claims _____</td> <td style="padding: 2px;">NO</td> </tr> <tr> <td style="padding: 2px;">Inventive step (IS)</td> <td style="padding: 2px;">Claims <u>1-16</u></td> <td style="padding: 2px;">YES</td> </tr> <tr> <td></td> <td style="padding: 2px;">Claims _____</td> <td style="padding: 2px;">NO</td> </tr> <tr> <td style="padding: 2px;">Industrial applicability (IA)</td> <td style="padding: 2px;">Claims <u>1-16</u></td> <td style="padding: 2px;">YES</td> </tr> <tr> <td></td> <td style="padding: 2px;">Claims _____</td> <td style="padding: 2px;">NO</td> </tr> </table>	Novelty (N)	Claims <u>1-16</u>	YES		Claims _____	NO	Inventive step (IS)	Claims <u>1-16</u>	YES		Claims _____	NO	Industrial applicability (IA)	Claims <u>1-16</u>	YES		Claims _____	NO
Novelty (N)	Claims <u>1-16</u>	YES																	
	Claims _____	NO																	
Inventive step (IS)	Claims <u>1-16</u>	YES																	
	Claims _____	NO																	
Industrial applicability (IA)	Claims <u>1-16</u>	YES																	
	Claims _____	NO																	
2. Citations and explanations:	<p>1 INTRODUCTION</p> <p>1.1 Reference is made to the following document: D1: GB-A-2 346 350 (ROVER GROUP [GB]) 9 August 2000 (2000-08-09)</p> <p>2 NOVELTY</p> <p>2.1 Independent claim 1</p> <p>2.1.1 Document D6, which is considered to be the prior art closest to the subject matter of claim 1, describes:</p> <p>a control and display system for a vehicle, having a multifunction control unit (10) for the selection and/or activation of entries in a menu structure (figure) with a plurality of menu levels (12), wherein the at least one multifunction control unit (10) comprises a visual display unit and at least one control unit (page 1 lines 7-10) with a plurality of degrees of adjustment freedom, and wherein the entries are assigned to an application, a function, a subfunction and/or an option (figure), wherein the menu structure is divided into a main menu, which is represented on the visual display unit by a stack of cards</p>																		

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(figure), and submenus, which are represented on the visual display unit by cards (figure), wherein a card marker indicates the position of the card within the corresponding stack of cards,

2.1.2 from which the subject matter of claim 1 differs in that the different main menus are depicted as stacks of cards, and a further card marker indicates the association of the card with a stack of cards, and said markers (both the first and the second card markers) of an active stack of cards are visibly depicted on the visual display unit during at least one operating mode of the multifunction control unit.

2.1.3 The subject matter of independent claim 1 is therefore novel (PCT Article 33(2)).

2.2 Dependent claims 2-16

2.2.1 Claims 2-16 are dependent on claim 1 and as such likewise meet the PCT requirements of novelty.

3 INVENTIVE STEP

3.1 Dependent claims 1 and 17

3.1.1 The object of the present invention can be considered that of specifying a control and display system for a vehicle which permits reliable control of all important vehicle and infotainment functions during driving and which is simultaneously characterized by simple expandability.

3.1.2 To solve said problem, the present application proposes a control and display system in which the different main menus are depicted as stacks of

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cards, and a further card marker indicates the association of the card with a stack of cards, and said markers (both the first and the second card markers) of an active stack of cards are visibly depicted on the visual display unit during at least one operating mode of the multifunction control unit.

3.1.3 Such an approach is not obvious from any of the cited documents.

3.1.4 The solution to this problem, as proposed in device claim 1 of the present application, is considered to involve an inventive step (PCT Article 33(3)), for the reasons stated above.

3.2 Dependent claims 2-16

3.2.1 Claims 2-16 are dependent on claim 1 and as such likewise meet the PCT requirements of inventive step.

4 INDUSTRIAL APPLICABILITY

4.1 All the claims are industrially applicable in the field of motor vehicle displays (PCT Article 33(4)).