

**PATENT COOPERATION TREATY**

**PCT**

**INTERNATIONAL PRELIMINARY REPORT ON PATENTABILITY**

(Chapter I of the Patent Cooperation Treaty)

(PCT Rule 44bis)

Applicant's or agent's file reference <b>PCT090295</b>	<b>FOR FURTHER ACTION</b>		See item 4 below
International application No. <b>PCT/JP2009/006601</b>	International filing date ( <i>day/month/year</i> ) <b>03 December 2009 (03.12.2009)</b>	Priority date ( <i>day/month/year</i> ) <b>19 December 2008 (19.12.2008)</b>	
International Patent Classification (8th edition unless older edition indicated) <b>See relevant information in Form PCT/ISA/237</b>			
Applicant <b>HONDA MOTOR CO.,LTD.</b>			

<p>1. This international preliminary report on patentability (Chapter I) is issued by the International Bureau on behalf of the International Searching Authority under Rule 44 bis.1(a).</p> <p>2. This REPORT consists of a total of 6 sheets, including this cover sheet.</p> <p>In the attached sheets, any reference to the written opinion of the International Searching Authority should be read as a reference to the international preliminary report on patentability (Chapter I) instead.</p>																								
<p>3. This report contains indications relating to the following items:</p> <table> <tr> <td><input checked="" type="checkbox"/></td> <td>Box No. I</td> <td>Basis of the report</td> </tr> <tr> <td><input type="checkbox"/></td> <td>Box No. II</td> <td>Priority</td> </tr> <tr> <td><input type="checkbox"/></td> <td>Box No. III</td> <td>Non-establishment of opinion with regard to novelty, inventive step and industrial applicability</td> </tr> <tr> <td><input type="checkbox"/></td> <td>Box No. IV</td> <td>Lack of unity of invention</td> </tr> <tr> <td><input checked="" type="checkbox"/></td> <td>Box No. V</td> <td>Reasoned statement under Article 35(2) with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement</td> </tr> <tr> <td><input type="checkbox"/></td> <td>Box No. VI</td> <td>Certain documents cited</td> </tr> <tr> <td><input type="checkbox"/></td> <td>Box No. VII</td> <td>Certain defects in the international application</td> </tr> <tr> <td><input type="checkbox"/></td> <td>Box No. VIII</td> <td>Certain observations on the international application</td> </tr> </table> <p>4. The International Bureau will communicate this report to designated Offices in accordance with Rules 44bis.3(c) and 93bis.1 but not, except where the applicant makes an express request under Article 23(2), before the expiration of 30 months from the priority date (Rule 44bis .2).</p>	<input checked="" type="checkbox"/>	Box No. I	Basis of the report	<input type="checkbox"/>	Box No. II	Priority	<input type="checkbox"/>	Box No. III	Non-establishment of opinion with regard to novelty, inventive step and industrial applicability	<input type="checkbox"/>	Box No. IV	Lack of unity of invention	<input checked="" type="checkbox"/>	Box No. V	Reasoned statement under Article 35(2) with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement	<input type="checkbox"/>	Box No. VI	Certain documents cited	<input type="checkbox"/>	Box No. VII	Certain defects in the international application	<input type="checkbox"/>	Box No. VIII	Certain observations on the international application
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	Date of issuance of this report <b>05 July 2011 (05.07.2011)</b>
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**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)

Applicant's or agent's file reference <b>PCT090295</b>		<b>FOR FURTHER ACTION</b> See paragraph 2 below
International application No. <b>PCT/JP2009/006601</b>	International filing date (day/month/year) <b>03.12.2009</b>	Priority date (day/month/year) <b>19.12.2008</b>
International Patent Classification (IPC) or both national classification and IPC		
Applicant <b>HONDA MOTOR CO., LTD.</b>		

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/JP	Date of completion of this opinion	Authorized officer
Facsimile No.		Telephone No.

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INTERNATIONAL SEARCHING AUTHORITY

International application No.

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Box No. I	Basis of this opinion
1.	<p>With regard to the <b>language</b>, 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 <b>rectification of an obvious mistake</b> authorized by or notified to this Authority under Rule 91 (Rule 43bis.1(a))</p>
3.	<p>With regard to any <b>nucleotide and/or amino acid sequence</b> disclosed in the international application, this opinion has been established on the basis of a sequence listing filed or furnished:</p> <p>a. (means)</p> <p><input type="checkbox"/> on paper</p> <p><input type="checkbox"/> in electronic form</p> <p>b. (time)</p> <p><input type="checkbox"/> in the international application as filed</p> <p><input type="checkbox"/> together with the international application in electronic form</p> <p><input type="checkbox"/> 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 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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<b>Box No. V</b>	<b>Reasoned statement under Rule 43bis.1(a)(i) with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement</b>
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1. Statement			
Novelty (N)	Claims	1-6	YES
	Claims	_____	NO
Inventive step (IS)	Claims	4	YES
	Claims	1-3, 5-6	NO
Industrial applicability (IA)	Claims	1-6	YES
	Claims	_____	NO

2. Citations and explanations:
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Document 1: JP 2007-008423 A (AutoNetwork Technologies, Ltd.), 18 January 2007, entire text (Family: none)

Document 2: JP 11-178164 A (Sumitomo Wiring Systems, Ltd.), 02 July 1999, entire text (Family: none)

Document 3: JP 2006-349087 A (Honda Motor Co., Ltd.), 28 December 2006, fig. 3 and 5 (Family: none)

Document 4: JP 09-039688 A (Sumitomo Wiring Systems, Ltd.), 10 February 1997, entire text (Family: none)

The invention as in claims 1-3 and 5

The invention as in claims 1-3 and 5 does not involve an inventive step in the light of documents 1 and 2.

Document 1 describes an invention of "a vehicle wiring structure which is provided with an electric wire (21) (power cable) inserted into a pipe (22) and connects a battery (B) (power source) and an inverter (I)/a motor (M) (electrical load), wherein the electric wire (21) (power cable) pulled out from the end part of the pipe (22) inserted from a cable arranging hole (12) (power-source-side through hole) is restricted by a cap (25) (first cable guide) provided inside the vehicle and is wired to a connection part with a battery

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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

(B) (power source), and the end part of the pipe (22) inserted from the cable arranging hole (12) (power-source-side through hole) reaches as far as a position where the cap (25) (first cable guide) is installed" (feature with regard to claim 1).

Document 2 describes an invention of "a vehicle wiring structure in which a corrugated tube (2) (pipe) is supported by a strip-shaped compact of a gel-like polymer (20) (through-hole seal member), which is a seal resin, that has a cylindrical section (100B) (pipe through-hole) through which the corrugated tube (2) (pipe) passes and closes the cylindrical section (100B) (pipe through-hole)" (feature with regard to claims 1 and 2).

Furthermore, the "cylindrical section (100B) (pipe through-hole)" of the invention described in document 1 is formed, integrally with a grommet (100) for protecting an electric wire (power cable) from the edge of the end part, of an elastomer (seal resin) (feature with regard to claim 3).

The "pipe (22)" of the invention described in document 1 is made of metal and is fixed to a floor plate (11) (vehicle body) through a metallic bracket, and is considered to be grounded to the vehicle body (feature with regard to claim 5).

Therefore, it would be easy for a person skilled in the art to arrive at the invention as in claims 1-3 and 5 of the present application on the basis of the inventions described in documents 1 and 2.

The invention as in claim 4

The invention as in claim 4 is not described in any of the documents cited in the ISR, and would not be obvious to a person skilled in the art.

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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

The invention as in claim 6

The invention as in claim 6 does not involve an inventive step in the light of documents 1 to 4.

Document 3 (for example, see fig. 3 and 5) describes an invention of "a vehicle wiring structure in which the connection part of a power-source-side through hole and a power-source power cable (17) is disposed with a space therebetween in the vehicle right and left directions."

Document 4 describes an invention of "a vehicle wiring structure provided with an indoor-side cover (second cable guide) which bends, in the connection-part direction, a wire harness (power cable) projecting through an electric wire insertion section (12a) (first cable guide)."

Therefore, it would be easy for a person skilled in the art to arrive at the invention as in claim 6 of the present application on the basis of the inventions described in documents 1 to 4.