

**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 <b>IP4035/WO/Br</b>		<b>FOR FURTHER ACTION</b> See paragraph 2 below
International application No. <b>PCT/EP2009/056813</b>	International filing date (day/month/year) <b>03.06.2009</b>	Priority date (day/month/year) <b>13.06.2008</b>
International Patent Classification (IPC) or both national classification and IPC <b>B66B23/22</b>		
Applicant <b>INVENTIO AG</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/EP	Date of completion of this opinion	Authorized officer
Facsimile No.		Telephone No.

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Box No. I	Basis of this opinion
	<p>1. 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> <p>2. <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> <p>3. With regard to any <b>nucleotide and/or amino acid sequence</b> 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> <p>4. <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> <p>5. 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>																		
1. Statement																			
<table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 20%; padding: 2px;">Novelty (N)</td> <td style="padding: 2px;">Claims <u>1-10</u></td> <td style="width: 10%; text-align: right; padding: 2px;">YES</td> </tr> <tr> <td></td> <td style="padding: 2px;">Claims _____</td> <td style="width: 10%; text-align: right; padding: 2px;">NO</td> </tr> <tr> <td style="padding: 2px;">Inventive step (IS)</td> <td style="padding: 2px;">Claims <u>1-10</u></td> <td style="width: 10%; text-align: right; padding: 2px;">YES</td> </tr> <tr> <td></td> <td style="padding: 2px;">Claims _____</td> <td style="width: 10%; text-align: right; padding: 2px;">NO</td> </tr> <tr> <td style="padding: 2px;">Industrial applicability (IA)</td> <td style="padding: 2px;">Claims <u>1-10</u></td> <td style="width: 10%; text-align: right; padding: 2px;">YES</td> </tr> <tr> <td></td> <td style="padding: 2px;">Claims _____</td> <td style="width: 10%; text-align: right; padding: 2px;">NO</td> </tr> </table>	Novelty (N)	Claims <u>1-10</u>	YES		Claims _____	NO	Inventive step (IS)	Claims <u>1-10</u>	YES		Claims _____	NO	Industrial applicability (IA)	Claims <u>1-10</u>	YES		Claims _____	NO	
Novelty (N)	Claims <u>1-10</u>	YES																	
	Claims _____	NO																	
Inventive step (IS)	Claims <u>1-10</u>	YES																	
	Claims _____	NO																	
Industrial applicability (IA)	Claims <u>1-10</u>	YES																	
	Claims _____	NO																	
2. Citations and explanations:																			
<p>Reference is made to the following documents:</p> <p style="margin-left: 40px;">D1: EP 0 891 940 A (INVENTIO AG [CH]) 20 January 1999 (1999-01-20)</p> <p style="margin-left: 40px;">D2: EP 1 657 209 A (THYSSENKRUPP FAHRTREPPEN GMBH [DE]) 17 May 2006 (2006-05-17) cited in the application</p> <p style="margin-left: 40px;">D3: JP 2006 232518 A (HITACHI LTD; WEST JAPAN RAILWAY TECHNOS COR) 7 September 2006 (2006-09-07)</p> <p style="margin-left: 40px;">D4: EP 0 913 354 A (INVENTIO AG [CH]) 6 May 1999 (1999-05-06)</p> <p style="margin-left: 40px;">D5: DE 199 57 680 A1 (KONE CORP [FI]) 13 June 2001 (2001-06-13)</p> <p>1 Document D1 is considered to be the prior art closest to the subject matter of claim 1 and discloses (the references between parentheses relate to said document): An escalator or moving walkway comprising a base (8), an illumination profile (9) disposed in the base (8) and an at least partially transparent cover (20), wherein at least one illumination means (26) is provided, said illumination means being placed in the illumination</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
	<p>profile (9), and wherein at least one reflecting surface (15, 28) is provided, said surface being aligned such that at least a portion of the light emitted by the illumination means (26) is reflected in the direction of the cover (20).</p>
2	<p>Therefore, the subject matter of claim 1 differs from the known escalator in that an illumination strip (30) is placed in the illumination profile (16), in that the illumination strip (30) has a plurality of illumination means (31) which are based on a LED technology, in that a profile of the illumination strip (30) is at least partially, at least substantially horizontally aligned, and in that the illumination strip (30) is designed so that it can be bent in a longitudinal direction (24) and can be twisted around the longitudinal direction (24).</p>
3	<p>Therefore, the subject matter of claim 1 is novel (PCT Article 33(2)).</p>
4	<p>The present invention addresses the problem of providing an escalator or moving walkway which enables an even level of illumination which is based on a LED technology, in particular in a base area. Furthermore, the invention addresses the problem of enabling this illumination with a reduced number of parts and a reduced installation effort.</p>
5	<p>The solution to this problem, as proposed in claim 1 of the present application, involves an inventive step (PCT Article 33(3)) for the following reasons: The prior art does not contain anything that would suggest to a person</p>

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	<p>skilled in the art to combine the features disclosed in the characterizing part of claim 1 so as to solve the stated problem.</p> <p>6 Claims 2-10 are dependent on claim 1, and therefore likewise meet the requirements of the PCT in respect of novelty and inventive step.</p>