

# Preparation of the International Search Report (ISR)

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# Overview

- Contents of the International Search Report (ISR)
  - Sections
  - Document information
  - Information about the search
- Using the ISR for another search

# Contents of ISR

- The ISR covers:
  - classification
  - cited documents
  - categories of documents
  - indication of relevance of documents to claims
  - consideration of unity
- The ISR does not contain expressions of opinion, arguments or explanations.

# Filling out the ISR

- The main tasks for the examiner are:
  - Indicate if the search has been restricted
    - scientific theories, animal varieties, mental acts, etc
    - no meaningful search (so unclear)
  - Indicate if there is lack of unity
    - Only the groups are shown
    - Reasoning is only in the preliminary report not in final
    - Reasoning is in WO-ISA
  - Indicate sequence listings (only applicable to certain fields)
  - Check Abstract, Title and Figure

# Filling out the ISR - Cont

- Main tasks (cont.)
  - Classify the subject-matter, give IC class
  - Indicate the fields searched and other consultations
  - List the documents found in the search
  - The date of the search is automatically added with the name of the examiner.

# The documents

- Assign for each document the following:

Categorise the document, the main categories are:

- "X" : a document is relevant for novelty or inventive step on its own
- "Y" : a document can be combined with another for inventive step
- "A" : a document does not affect novelty or inventive step
- Indicate for which claims the category applies
- Indicate the passages in the description, figures or claims

**PATENT COOPERATION TREATY**  
**PCT**

**INTERNATIONAL SEARCH REPORT**

(PCT Article 18 and Rules 43 and 44)

Applicant's or agent's file reference <b>PH010394WO1</b>	<b>FOR FURTHER ACTION</b> see Form PCT/ISA/220 as well as, where applicable, item 5 below.	
International application No. <b>PCT/IB2009/052340</b>	International filing date (day/month/year) <b>03/06/2009</b>	(Earliest) Priority Date (day/month/year) <b>10/06/2008</b>
Applicant <b>KONINKLIJKE PHILIPS ELECTRONICS N. V.</b>		
<p>This international search report has been prepared by this International Searching Authority and is transmitted to the applicant according to Article 18. A copy is being transmitted to the International Bureau.</p> <p>This international search report consists of a total of <u>5</u> sheets.</p> <p><input type="checkbox"/> It is also accompanied by a copy of each prior art document cited in this report.</p>		
<p>1. <b>Basis of the report</b></p> <p>a. With regard to the <b>language</b>, the international search was carried out 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>b. <input type="checkbox"/> This international search report 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 43.6bis(a)).</p> <p>c. <input type="checkbox"/> With regard to any <b>nucleotide and/or amino acid sequence</b> disclosed in the international application, see Box No. I.</p> <p>2. <input type="checkbox"/> <b>Certain claims were found unsearchable</b> (See Box No. II)</p> <p>3. <input checked="" type="checkbox"/> <b>Unity of invention is lacking</b> (see Box No III)</p> <p>4. With regard to the <b>title</b>,</p> <p><input checked="" type="checkbox"/> the text is approved as submitted by the applicant</p> <p><input type="checkbox"/> the text has been established by this Authority to read as follows:</p> <p>5. With regard to the <b>abstract</b>,</p> <p><input checked="" type="checkbox"/> the text is approved as submitted by the applicant</p> <p><input type="checkbox"/> the text has been established, according to Rule 38.2(b), by this Authority as it appears in Box No. IV. The applicant may, within one month from the date of mailing of this international search report, submit comments to this Authority</p> <p>6. With regard to the <b>drawings</b>,</p> <p>a. the figure of the <b>drawings</b> to be published with the abstract is Figure No. <u>1</u></p> <p><input checked="" type="checkbox"/> as suggested by the applicant</p> <p><input type="checkbox"/> as selected by this Authority, because the applicant failed to suggest a figure</p> <p><input type="checkbox"/> as selected by this Authority, because this figure better characterizes the invention</p> <p>b. <input type="checkbox"/> none of the figures is to be published with the abstract</p>		

09762100

ISR

2010-04-22

INTERNATIONAL SEARCH REPORT

International application No  
PCT/IB2009/052340

**A. CLASSIFICATION OF SUBJECT MATTER**  
INV. H05B37/02

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)  
H05B

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 practical, search terms used)

**C. DOCUMENTS CONSIDERED TO BE RELEVANT**

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 6 388 399 B1 (ECKEL DAVID P [US] ET AL) 14 May 2002 (2002-05-14) columns 24-26; figure 14	1-13,16
X	EP 0 990 966 A (HUSKY INJECTION MOLDING [CA]) 5 April 2000 (2000-04-05) column 9; figures 2,4	1,10,16
A	US 5 962 992 A (HUANG SHIH-WEI [TW] ET AL) 5 October 1999 (1999-10-05) columns 7,8; figure 3	1-13,16
A	US 2006/290710 A1 (ZWANENBURG MICHEL J [US]) 28 December 2006 (2006-12-28) pages 2-3; figure 1	1-13,16

Further documents are listed in the continuation of Box C.

See patent family annex.

\* Serial categories of cited documents



**INTERNATIONAL SEARCH REPORT**

International application No.  
PCT/IB2009/052340

**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.:

FURTHER INFORMATION CONTINUED FROM PCT/ISA/ 210

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

1. claims: 1-13,16

User interface devices which involve feedback of information  
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2. claims: 14,15

constructional details of a user interface  
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2010-04-22

INTERNATIONAL SEARCH REPORT

Information on patent family members

International application No

PCT/IB2009/052340

Patent document cited in search report	Publication date	Patent family member(s)	Publication date
US 6388399	B1	14-05-2002	AU 4083599 A 06-12-1999
			CA 2332866 A1 25-11-1999
			WO 9960804 A1 25-11-1999
EP 0990966	A	05-04-2000	AT 320621 T 15-04-2006
			CN 1445071 A 01-10-2003
			CN 1445072 A 01-10-2003
			CN 1427356 A 02-07-2003
			CN 1249989 A 12-04-2000
			DE 69930353 T2 30-11-2006
			HK 1025539 A1 20-06-2003
			HK 1056935 A1 28-04-2006
			HK 1058917 A1 23-06-2006
			HK 1058918 A1 01-09-2006
			JP 2000108188 A 18-04-2000
			JP 2009196372 A 03-09-2009
			KR 20000028787 A 25-05-2000
			US 6275741 B1 14-08-2001
			US 2002026264 A1 28-02-2002
US 5962992	A	05-10-1999	NONE
US 2006290710	A1	28-12-2006	NONE

10752461

ISR

2011-04-28

**INTERNATIONAL SEARCH REPORT**

International application No  
PCT/US2010/043722

<b>A. CLASSIFICATION OF SUBJECT MATTER</b> INV. H05B37/02 E06B9/24 ADD.		
According to International Patent Classification (IPC) or to both national classification and IPC		
<b>B. FIELDS SEARCHED</b>		
Minimum documentation searched (classification system followed by classification symbols) E06B H05B 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 practical, search terms used) EPO-Internal		
<b>C. DOCUMENTS CONSIDERED TO BE RELEVANT</b>		
Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 2005/110416 A1 (VESKOVIC DRAGAN [US]) 26 May 2005 (2005-05-26)	1, 2, 11-14, 19, 20 3-10, 15-18
A	pages 5-7; figure 1	
X	US 2008/183307 A1 (CLAYTON RANDY [US] ET AL) 31 July 2008 (2008-07-31) paragraph [0120] - paragraph [0139]	1-20
A	WO 03/043385 A1 (RENSSELAER POLYTECH INST [US]) 22 May 2003 (2003-05-22) page 13, line 5 - page 13, line 22; figure 2	1-20

# Using an ISR (as an examiner)

- Searching a family member
  - If you are doing a further search start from the documents
  - Should another classification be searched?
  - The ISR is published after 18months, may not have written opinion
    - Need to check the X and Y documents carefully
- You are doing a search
  - you find a prior art document which has a ISR
    - Does this ISR indicate other fields/classes that you have not considered?
    - The X and Y documents may well be useful for your search
- Search Database tools?
  - find all cited documents for a selected document
  - find all citing documents for a selected document
  - These tools use the information in the ISR

# Summary

- Use the ISR to find similar documents
- If there are X or Y docs they may be particularly relevant
  - which figures / passages were indicated?
- Check if the field of search could be relevant for your search
- Tools using the ISR for finding cited / citing documents are very useful

**Thank you very much for your time.**

**Any Questions?**

Ian Morrish  
Examiner

February 2013

