

PATENT COOPERATION TREATY

PCT

INTERNATIONAL SEARCH REPORT

(PCT Article 18 and Rules 43 and 44)

Applicant's or agent's file reference 83763918	FOR FURTHER ACTION	see Form PCT/ISA/220 as well as, where applicable, item 5 below.
International application No. PCT/US2014/038059	International filing date (<i>day/month/year</i>) 15 May 2014 (15.05.2014)	(Earliest) Priority Date (<i>day/month/year</i>)
Applicant HEWLETT-PACKARD DEVELOPMENT COMPANY, L.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.

This international search report consists of a total of 3 sheets.

It is also accompanied by a copy of each prior art document cited in this report.

1. **Basis of the report**

a. With regard to the **language**, the international search was carried out on the basis of:

the international application in the language in which it was filed

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))

b. This international search report has been established taking into account the **rectification of an obvious mistake** authorized by or notified to this Authority under Rule 91 (Rule 43.6bis(a)).

c. With regard to any **nucleotide and/or amino acid sequence** disclosed in the international application, see Box No. I.

2. **Certain claims were found unsearchable** (See Box No. II)

3. **Unity of invention is lacking** (See Box No. III)

4. With regard to the **title**,

the text is approved as submitted by the applicant.

the text has been established by this Authority to read as follows:

5. With regard to the **abstract**,

the text is approved as submitted by the applicant.

the text has been established, according to Rule 38.2, 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.

6. With regard to the drawings,

a. the figure of the **drawings** to be published with the abstract is Figure No. 7

as suggested by the applicant.

as selected by this Authority, because the applicant failed to suggest a figure.

as selected by this Authority, because this figure better characterizes the invention.

b. none of the figures is to be published with the abstract.

A. CLASSIFICATION OF SUBJECT MATTER**G06F 17/00(2006.01)i**

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHEDMinimum documentation searched (classification system followed by classification symbols)
G06F 17/00; G06F 15/16; G06F 21/24; G06F 17/30; H04L 29/06; G11B 20/00; G06F 1/00Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched
Korean utility models and applications for utility models
Japanese utility models and applications for utility modelsElectronic data base consulted during the international search (name of data base and, where practicable, search terms used)
eKOMPASS(KIPO internal) & Keywords: access, tenant, closure, parameter, database, request, content, and similar terms**C. DOCUMENTS CONSIDERED TO BE RELEVANT**

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	US 8627072 B1 (KENNETH J. HENDERSON et al.) 07 January 2014 See column 1, lines 42-65; column 6, line 5 - column 7, line 60; and figure 2.	1-15
A	US 2008-0082540 A1 (CRAIG WEISSMAN et al.) 03 April 2008 See paragraphs [0013]-[0015] and [0072]-[0078]; and figure 7.	1-15
A	US 7333987 B2 (DAVID JUSTIN ROSS et al.) 19 February 2008 See column 3, lines 9-17; and figure 3.	1-15
A	US 2012-0096521 A1 (PRASAD PEDDADA) 19 April 2012 See paragraphs [0028]-[0030]; and figure 1B.	1-15
A	EP 1505594 A2 (SONY UNITED KINGDOM LIMITED) 09 February 2005 See paragraphs [0005]-[0006]; and figure 17.	1-15

 Further documents are listed in the continuation of Box C. 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

"E" earlier application or patent but published on or after the international filing date

"L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)

"O" document referring to an oral disclosure, use, exhibition or other means

"P" document published prior to the international filing date but later than the priority date claimed

"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

"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

09 January 2015 (09.01.2015)

Date of mailing of the international search report

12 January 2015 (12.01.2015)

Name and mailing address of the ISA/KR


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INTERNATIONAL SEARCH REPORT

Information on patent family members

International application No.

PCT/US2014/038059

Patent document cited in search report	Publication date	Patent family member(s)	Publication date
US 8627072 B1	07/01/2014	None	
US 2008-0082540 A1	03/04/2008	US 2012-110020 A1 US 2014-095545 A1 US 8095531 B2 US 8548982 B2 WO 2008-042938 A2 WO 2008-042938 A3	03/05/2012 03/04/2014 10/01/2012 01/10/2013 10/04/2008 14/08/2008
US 7333987 B2	19/02/2008	AU 5782900 A EP 1238347 A2 US 2004-0064454 A1 US 6643648 B1 WO 2001-01260 A2 WO 2001-01260 A3	31/01/2001 11/09/2002 01/04/2004 04/11/2003 04/01/2001 11/07/2002
US 2012-0096521 A1	19/04/2012	None	
EP 1505594 A2	09/02/2005	CN 1287249 C CN 1581010 A EP 1505594 A3 GB 0317955 D0 GB 2404486 A JP 2005-124146 A US 2005-0025316 A1	29/11/2006 16/02/2005 27/10/2010 03/09/2003 02/02/2005 12/05/2005 03/02/2005