

INTERNATIONAL SEARCH REPORT

International application No

PCT/US2008/004729

A. CLASSIFICATION OF SUBJECT MATTER
 INV. H01L27/24 H01L45/00

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)
 H01L

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, WPI Data

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X Y	US 2004/195604 A1 (HWANG YOUNG-NAM [KR] ET AL) 7 October 2004 (2004-10-07) paragraphs [0039] - [0050], [0060], [0061]; figures 3a,3b,12	1,2,6,7, 9,12,13 3,4,8,15
Y	EP 1 376 594 A (HEWLETT PACKARD DEVELOPMENT CO [US]) 2 January 2004 (2004-01-02) paragraphs [0039], [0043], [0046] - [0051]; figures 8-12	3,4,8,15
X	US 2004/202016 A1 (CAMPBELL KRISTY A. [US]) 14 October 2004 (2004-10-14) paragraphs [0043] - [0048]; figures 10-17	1

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

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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

30 January 2009

Date of mailing of the international search report

11/02/2009

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INTERNATIONAL SEARCH REPORT

Information on patent family members

International application No PCT/US2008/004729

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