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- *as to applicant's entitlement to apply for and be granted a patent (Rule 4.17(ii))*
- *as to the applicant's entitlement to claim the priority of the earlier application (Rule 4.17(iii))*
- *before the expiration of the time limit for amending the claims and to be republished in the event of receipt of amendments (Rule 48.2(h))*

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INTERNATIONAL SEARCH REPORT

International application No
PCT/US2015/035194

A. CLASSIFICATION OF SUBJECT MATTER

INV. H01L29/78 H01L21/336 H01L29/49
ADD.

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 practicable, 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	US 2013/075818 A1 (LEE TSUNG-LIN [TW] ET AL) 28 March 2013 (2013-03-28) paragraph [0023] paragraph [0027] paragraph [0031] paragraph [0036] paragraph [0050] ----- -/--	1-10, 12-19, 21-30



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

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

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"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

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C(Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT

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A	US 2011/260257 A1 (JAGANNATHAN HEMANTH [US] ET AL) 27 October 2011 (2011-10-27) paragraph [0036] paragraph [0037] paragraph [0040] paragraph [0043] -----	1-30
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A	US 2010/072553 A1 (XU JEFF J [TW] ET AL) 25 March 2010 (2010-03-25) paragraph [0026] - paragraph [0029] paragraph [0032] - paragraph [0034] -----	1-30
A	US 2012/264261 A1 (ZHU HUILONG [US] ET AL) 18 October 2012 (2012-10-18) paragraph [0020] -----	1-30
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Information on patent family members

International application No

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