

# INTERNATIONAL SEARCH REPORT

International application No.  
PCT/CN2017/103396

## A. CLASSIFICATION OF SUBJECT MATTER

G06F 3/041 (2006.01) i; H01L 27/32 (2006.01) i

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)

G06F, 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)

CNPAT, WPI, EPODOC, CNKI: 柔性, 可挠, 应力, 弯, 曲, 张力, flexible, bend???, bent, stress

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	CN 104216556 A (SAMSUNG DISPLAY CO., LTD.) 17 December 2014 (17.12.2014), description, paragraphs [0031]-[0045], and figures 2-4	1, 3-20
X	CN 104779266 A (SAMSUNG DISPLAY CO., LTD.) 15 July 2015 (15.07.2015), description, paragraphs [0073]-[0114], and figure 5	1, 2, 4-20
A	CN 204314857 U (LG INNOTEK CO., LTD.) 06 May 2015 (06.05.2015), entire document	1-20
A	US 2017147117 A1 (DONGWOO FINE-CHEM CO., LTD.) 25 May 2017 (25.05.2017), entire document	1-20
A	CN 106371672 A (SHANGHAI TIANMA MICROELECTRONICS CO., LTD.) 01 February 2017 (01.02.2017), entire document	1-20

Further documents are listed in the continuation of Box C.       See patent family annex.

<p>* Special categories of cited documents:</p> <p>“A” document defining the general state of the art which is not considered to be of particular relevance</p> <p>“E” earlier application or patent but published on or after the international filing date</p> <p>“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)</p> <p>“O” document referring to an oral disclosure, use, exhibition or other means</p> <p>“P” document published prior to the international filing date but later than the priority date claimed</p>	<p>“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</p> <p>“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</p> <p>“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</p> <p>“&amp;”document member of the same patent family</p>
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Date of the actual completion of the international search

04 June 2018

Date of mailing of the international search report

27 June 2018

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**INTERNATIONAL SEARCH REPORT**  
Information on patent family members

International application No.  
PCT/CN2017/103396

Patent Documents referred in the Report	Publication Date	Patent Family	Publication Date
CN 104216556 A	17 December 2014	KR 101473312 B1	16 December 2014
		US 2014354558 A1	04 December 2014
		KR 20140141380 A	10 December 2014
CN 104779266 A	15 July 2015	KR 20150084257 A	22 July 2015
		EP 2894672 A1	15 July 2015
		US 2015200375 A1	16 July 2015
CN 204314857 U	06 May 2015	JP 2015103254 A	04 June 2015
		US 2015145824 A1	28 May 2015
		EP 2876532 A2	27 May 2015
		US 9952723 B2	24 April 2018
		KR 20150059331 A	01 June 2015
		TW 201535218 A	16 September 2015
US 2017147117 A1	25 May 2017	KR 20170059277 A	30 May 2017
CN 106371672 A	01 February 2017	DE 102017118171 A1	26 April 2018
		US 2017194384 A1	06 July 2017