

## INTERNATIONAL SEARCH REPORT

International application No.

PCT/CN2018/118031

**A. CLASSIFICATION OF SUBJECT MATTER**

H05K 7/20(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)

H05K; G06F

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)

CNKI, CNPAT, WPI, EPODOC, IEEE: 散热, 风扇, 存储器, 芯片, 安装, 固定, 分离, 拆, 磁, heat, cool, memory, dissipat+, magnetic, chip, mount, fin

**C. DOCUMENTS CONSIDERED TO BE RELEVANT**

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	CN 201946586 U (COMPTAKE TECHNOLOGY CO., LTD.) 24 August 2011 (2011-08-24) description, paragraphs [0051]-[0058], and figure 2	1-10
Y	CN 1236887 A (REN, Kejing) 01 December 1999 (1999-12-01) description, page 1, lines 4-20	1-10
A	CN 102866750 A (HONGFUJIN PRECISION INDUSTRY (SHENZHEN) CO., LTD. et al.) 09 January 2013 (2013-01-09) entire document	1-10
A	TW 201639425 A (UNIMICRON CORPORATION) 01 November 2016 (2016-11-01) entire document	1-10
A	US 2008149321 A1 (COMPAL ELECTRONICS, INC.) 26 June 2008 (2008-06-26) entire document	1-10

 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

05 August 2019

Date of mailing of the international search report

02 September 2019

Name and mailing address of the ISA/CN

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

International application No.

**PCT/CN2018/118031**

Patent document cited in search report	Publication date (day/month/year)	Patent family member(s)	Publication date (day/month/year)
CN 201946586 U	24 August 2011	None	
CN 1236887 A	01 December 1999	None	
CN 102866750 A	09 January 2013	None	
TW 201639425 A	01 November 2016	None	
US 2008149321 A1	26 June 2008	TW 200829127 A	01 July 2008