

INTERNATIONAL SEARCH REPORT

International application No.
PCT/CN2017/108750

A. CLASSIFICATION OF SUBJECT MATTER

G06K 9/00 (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)

G06K 9/-

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)

DWPI; SIPOABS; CNABS; CNKI; IEEE: 人脸, 面部, 对齐, 特征点, 模板, face, facial, alignment, landmark?, model, ensemble of regression trees

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	CN 106845327 A (SPREADTRUM COMMUNICATIONS (TIANJIN) CO., LTD.) 13 June 2017 (13.06.2017), claim 16, description, paragraphs [0112]-[0115], and figure 1	1, 2, 5, 7-9, 12, 14-16, 19
Y	CN 106845327 A (SPREADTRUM COMMUNICATIONS (TIANJIN) CO., LTD.) 13 June 2017 (13.06.2017), claim 16, description, paragraphs [0112]-[0115], and figure 1	3, 4, 6, 10, 11, 13, 17, 18, 20
Y	Vahid Kazemi et al. One Millisecond Face Alignment with an Ensemble of Regression Trees. Proceedings of the IEEE Conference on Computer Vision and Pattern Recognition (CVPR), 2014. 31 December 2014 (31.12.2014), pp. 1867-1874	3, 4, 6, 10, 11, 13, 17, 18, 20
A	CN 106650682 A (TCL CORPORATION) 10 May 2017 (10.05.2017), 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>“&” document member of the same patent family</p>
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Date of the actual completion of the international search
16 January 2018

Date of mailing of the international search report
09 May 2018

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INTERNATIONAL SEARCH REPORT
Information on patent family members

International application No.
PCT/CN2017/108750

Patent Documents referred in the Report	Publication Date	Patent Family	Publication Date
CN 106845327 A	13 June 2017	None	
CN 106650682 A	10 May 2017	None	