

INTERNATIONAL SEARCH REPORT

International application No.
PCT/CN2017/091242

A. CLASSIFICATION OF SUBJECT MATTER

G08G 5/00 (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)

G08G

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, CNKI, EPODOC, WPI: 大疆, 威胁, 无人机, 警告, 告警, 环境, 飞行半径, 安全, 飞行范围, 航线; threaten, UAV, unmanned aerial vehicle, warn+, safe, server, obstacle, monitor+

C. DOCUMENTS CONSIDERED TO BE RELEVANT

| Category* | Citation of document, with indication, where appropriate, of the relevant passages | Relevant to claim No. |
|-----------|--|-----------------------|
| X | CN 106297417 A (NANJING UNIVERSITY OF AERONAUTICS AND ASTRONAUTICS) 04 January 2017 (04.01.2017), claims 1-8, and figure 1 | 1-37 |
| X | CN 105608931 A (CHEN, Hao) 25 May 2016 (25.05.2016), claims 1-10, and figure 1 | 1-37 |
| A | CN 103984357 A (PLA UNIVERSITY OF SCIENCE AND TECHNOLOGY) 13 August 2014 (13.08.2014), entire document | 1-37 |
| A | CN 103592941 A (TIANJIN UNIVERSITY) 19 February 2014 (19.02.2014), entire document | 1-37 |
| A | US 2014253348 A1 (MITSUBISHI AIRCRAFT CORPORATION) 11 September 2014 (11.09.2014), entire document | 1-37 |

Further documents are listed in the continuation of Box C.

See patent family annex.

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| <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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| <p>Date of the actual completion of the international search</p> <p style="text-align: center;">19 March 2018</p> | <p>Date of mailing of the international search report</p> <p style="text-align: center;">28 March 2018</p> |
| <p>Name and mailing address of the ISA</p> <p>State Intellectual Property Office of the P. R. China</p> <p>No. 6, Xitucheng Road, Jimenqiao</p> <p>Haidian District, Beijing 100088, China</p> <p>Facsimile No. (86-10) 62019451</p> | <p>Authorized officer</p> <p style="text-align: center;">SUN, Jianqiang</p> <p>Telephone No. (86-10) 53962440</p> |

INTERNATIONAL SEARCH REPORT
Information on patent family members

International application No.
PCT/CN2017/091242

| Patent Documents referred in the Report | Publication Date | Patent Family | Publication Date |
|---|-------------------|-----------------|-------------------|
| CN 106297417 A | 04 January 2017 | None | |
| CN 105608931 A | 25 May 2016 | None | |
| CN 103984357 A | 13 August 2014 | CN 103984357 B | 01 February 2017 |
| CN 103592941 A | 19 February 2014 | None | |
| US 2014253348 A1 | 11 September 2014 | JP 6114075 B2 | 12 April 2017 |
| | | US 9254926 B2 | 09 February 2016 |
| | | JP 2014172474 A | 22 September 2014 |