



SUPPLEMENTARY EUROPEAN SEARCH REPORT

Application number:
EP 17 86 35 80

Classification of the application (IPC):
A24F 47/00, A24F 40/49

Technical fields searched (IPC):
A24F, A61M, F22B, H05B

| DOCUMENTS CONSIDERED TO BE RELEVANT | | |
|-------------------------------------|---|-------------------|
| Category | Citation of document with indication, where appropriate, of relevant passages | Relevant to claim |
| X | CN 205456077 U (SHENZHEN FIRST UNION TECH CO) | 1-15 |
| Y | 17 August 2016 (2016-08-17) * abstract; claims 1-10; figures 6-9 * * the whole document * | 1-15 |
| X,P | CN 206284392 U (JOYETECH EUROPE HOLDING GMBH) 30 June 2017 (2017-06-30) * abstract; claims 1-10; figures 2-6,10,11 * * the whole document * | 1-15 |
| A | WO 2015157907 A1 (KIMREE HI TECH INC) 22 October 2015 (2015-10-22) * figure 3 * * the whole document * | 1-15 |
| X | US 2015313288 A1 (LIU QIUMING [CN]) 05 November 2015 (2015-11-05) * paragraphs [0005], [0079], [0087] - paragraphs [0096], [0103] - [0105], [0111], [0112]; claims 1,6-8; figures 2,3,6,7 * * the whole document * | 1-15 |
| Y | CN 105996134 A (INNOKIN TECHNOLOGY CO LTD) 12 October 2016 (2016-10-12) * abstract; claims 1,5; figures 6,7 * * the whole document * | 1-15 |
| Y | CN 105707983 A (JOYETECH (CHANGZHOU) ELECTRONIC TECH CO LTD) 29 June 2016 (2016-06-29) * paragraph [0040]; claims 1,7; figures 8,9 * * the whole document * | 1-15 |
| A | CN 204217910 U (HUIZHOU KIMREE TECHNOLOGY CO LTD) 25 March 2015 (2015-03-25) * the whole document * | 1-15 |

The supplementary search report has been based on the last set of claims valid and available at the start of the search.

| | | |
|---------------------------|---|---------------------------------|
| Place of search Munich | Date of completion of the search 01 May 2020 | Examiner Dessaux, Christophe |
|---------------------------|---|---------------------------------|

CATEGORY OF CITED DOCUMENTS

- | | |
|---|--|
| X: particularly relevant if taken alone | P: intermediate document |
| Y: particularly relevant if combined with another document of the same category | T: theory or principle underlying the invention |
| A: technological background | E: earlier patent document, but published on, or after the filing date |
| O: non-written disclosure | D: document cited in the application |
| &: member of the same patent family, corresponding document | L: document cited for other reasons |

Disclaimer: this document has been automatically generated using data structured in accordance with WIPO standard ST.36 from the database of search reports of the European Patent Office. For technical reasons, its content and layout may differ from that of the original publication. Only the original published information is legally binding.



ANNEX TO SUPPLEMENTARY EUROPEAN SEARCH REPORT

Application number:
EP 17 86 35 80

This annex lists the patent family members relating to the patent documents cited in the above-mentioned European search report. The members are as contained in the European Patent Office EDP file on 01-05-2020
The European Patent Office is in no way liable for these particulars which are merely given for the purpose of information.

| Patent document cited in search report | Publication date | Patent family member(s) | Publication date |
|---|---------------------|--|--|
| CN 205456077 U | 17-08-2016 | CN 205456077 U EP 3187058 A1 US 2017196272 A1 | 17-08-2016 05-07-2017 13-07-2017 |
| CN 206284392 U | 30-06-2017 | NONE | |
| WO 2015157907 A1 | 22-10-2015 | CN 205214208 U US 2017127724 A1 WO 2015157907 A1 | 11-05-2016 11-05-2017 22-10-2015 |
| US 2015313288 A1 | 05-11-2015 | CN 204599325 U US 2015313288 A1 WO 2015165064 A1 | 02-09-2015 05-11-2015 05-11-2015 |
| CN 105996134 A | 12-10-2016 | NONE | |
| CN 105707983 A | 29-06-2016 | NONE | |
| CN 204217910 U | 25-03-2015 | NONE | |