

# SUPPLEMENTARY EUROPEAN SEARCH REPORT

Application Number  
EP 15 77 0414

| DOCUMENTS CONSIDERED TO BE RELEVANT                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                                                                  |                                                            |                                         |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------|------------------------------------------------------------|-----------------------------------------|
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | Citation of document with indication, where appropriate, of relevant passages    | Relevant to claim                                          | CLASSIFICATION OF THE APPLICATION (IPC) |
| X                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | JP 2000 337616 A (KUBOTA KK)<br>8 December 2000 (2000-12-08)                     | 1,2,4,5,<br>7,8,10,<br>11                                  | INV.<br>F23G5/00<br>F23G5/44            |
| Y                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | * page 1; figures 6, 7 *                                                         | 3                                                          |                                         |
| Y                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | -----<br>JP H10 279301 A (TSUKISHIMA KIKAI CO)<br>20 October 1998 (1998-10-20)   | 3                                                          |                                         |
| A                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | * paragraphs [0011], [0019] *                                                    | 1                                                          |                                         |
| X                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | -----<br>JP H10 122523 A (KUBOTA KK)<br>15 May 1998 (1998-05-15)<br>* figure 1 * | 1                                                          |                                         |
| A                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | -----<br>JP 2012 232864 A (KUBOTA KK)<br>29 November 2012 (2012-11-29)<br>-----  | 1                                                          |                                         |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                                                                  |                                                            | TECHNICAL FIELDS<br>SEARCHED (IPC)      |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                                                                  |                                                            | F23G<br>C05B<br>C05F<br>C05D            |
| 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<br><b>The Hague</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                                                                  | Date of completion of the search<br><b>10 October 2017</b> | Examiner<br><b>Nicolas, Pascal</b>      |
| <p>CATEGORY OF CITED DOCUMENTS</p> <p>X : particularly relevant if taken alone<br/>Y : particularly relevant if combined with another document of the same category<br/>A : technological background<br/>O : non-written disclosure<br/>P : intermediate document</p> <p>T : theory or principle underlying the invention<br/>E : earlier patent document, but published on, or after the filing date<br/>D : document cited in the application<br/>L : document cited for other reasons<br/>&amp; : member of the same patent family, corresponding document</p> |                                                                                  |                                                            |                                         |

1

EPO FORM 1503 03.82 (P04C04)

**ANNEX TO THE EUROPEAN SEARCH REPORT  
ON EUROPEAN PATENT APPLICATION NO.**

EP 15 77 0414

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  
The European Patent Office is in no way liable for these particulars which are merely given for the purpose of information.

10-10-2017

| Patent document<br>cited in search report |   | Publication<br>date | Patent family<br>member(s) | Publication<br>date |
|-------------------------------------------|---|---------------------|----------------------------|---------------------|
| JP 2000337616                             | A | 08-12-2000          | NONE                       |                     |
| JP H10279301                              | A | 20-10-1998          | NONE                       |                     |
| JP H10122523                              | A | 15-05-1998          | NONE                       |                     |
| JP 2012232864                             | A | 29-11-2012          | JP 5888720 B2              | 22-03-2016          |
|                                           |   |                     | JP 2012232864 A            | 29-11-2012          |