

## SUPPLEMENTARY EUROPEAN SEARCH REPORT

Classification of the application (IPC): B66C 23/693

Technical fields searched (IPC): B66C

| DOCUMENTS CONSIDERED TO BE RELEVANT |   |                   |  |  |  |  |
|-------------------------------------|---|-------------------|--|--|--|--|
| Category                            | Citation of document with indication, where appropriate, of relevant passages | Relevant to claim |  |  |  |  |
|                                     |   |                   |  |  |  |  |
| X                                   | JP 2002308568 A (TADANO LTD) 23 October 2002 (2002-10-23)                     | 1, 9-11, 13, 14   |  |  |  |  |
| Α                                   | * figures 7,8,11 *  | 2-8, 12           |  |  |  |  |

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 The Hague               | Date of completion of the search 20 September 2022 | Examiner<br>Severens, Gert |  |  |  |  |  |  |
|---|--|----------------------------|--|--|--|--|--|--|
| 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
- technological background
- A: technological backgrou O: non-written disclosure
- & : member of the same patent family, corresponding document
- T: theory or principle underlying the invention
   E: earlier patent document, but published on, or after the filing date
   D: document cited in the application
- L: document cited for other reasons

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## ANNEX TO SUPPLEMENTARY EUROPEAN SEARCH REPORT

Application number: EP 19 91 85 49

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 20-09-2022 The European Patent Office is in no way liable for these particulars which are merely given for the purpose of information.

| Patent document cited<br>in search report |   | Publication date |          | Patent family<br>member(s) | Publication<br>date      |
|---|---|------------------|----------|----------------------------|--------------------------|
| JP 2002308568                             | А | 23-10-2002       | JP<br>JP | 4709415 B2<br>2002308568 A | 22-06-2011<br>23-10-2002 |

For more details about this annex: see Official Journal of the European Patent Office, No. 12/82

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