

# SUPPLEMENTARY EUROPEAN SEARCH REPORT

Application Number  
EP 11 87 6223

| 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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | US 2010/164162 A1 (OBUCHI YUSUKE [JP])<br>1 July 2010 (2010-07-01)<br>* paragraph [0059] - paragraph [0070];<br>figures 4,6,7,11 *      | 1,2                                              | INV.<br>B65H29/04                       |
| X                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | JP 2008 133106 A (NISCA CORP)<br>12 June 2008 (2008-06-12)<br>* paragraphs [0001], [0025], [0026];<br>figures 2,4 *                     | 1,2                                              |                                         |
| A                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                                                                                                                         | 4-6,<br>11-14                                    |                                         |
| X                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | JP S56 93651 A (TOKYO ELECTRIC CO LTD)<br>29 July 1981 (1981-07-29)<br>* the whole document *                                           | 1,9                                              |                                         |
| A                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                                                                                                                         | 10                                               |                                         |
| A                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | US 4 203 590 A (BLESSING HUBERT [US])<br>20 May 1980 (1980-05-20)<br>* column 3, line 63 - line 33; figures<br>2A,2B *                  | 3,10                                             |                                         |
| A                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | US 6 176 484 B1 (GREIVE MARTIN [DE] ET AL)<br>23 January 2001 (2001-01-23)<br>* column 3, line 31 - column 4, line 20;<br>figures 1-5 * | 7,8                                              | TECHNICAL FIELDS<br>SEARCHED (IPC)      |
| A                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | US 2010/270125 A1 (BIJL ERIK JOUKE [NL])<br>28 October 2010 (2010-10-28)<br>* figures 1-5 *                                             | 15                                               | B65H                                    |
| 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>The Hague                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                                                                                                                         | Date of completion of the search<br>20 June 2017 | Examiner<br>Ureta, Rolando              |
| <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> |                                                                                                                                         |                                                  |                                         |

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

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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  
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20-06-2017

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