

**SUPPLEMENTARY
EUROPEAN SEARCH REPORT**

Application Number
EP 15 81 4434

| 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 6 402 596 B1 (HAKOMORI SHUNJI [JP] ET AL) 11 June 2002 (2002-06-11) | 1-4 | INV. B24B21/00 B24B21/16 |
| Y | * the whole document * | 5,6 | |
| Y | ----- US 2013/252515 A1 (SHIROISHI RYOZO [JP] ET AL) 26 September 2013 (2013-09-26) | 5,6 | |
| A | ----- JP H09 309056 A (HINO MOTORS LTD) 2 December 1997 (1997-12-02) | 1-6 | |
| A | ----- JP 2010 538842 A (STRECON AS) 16 December 2010 (2010-12-16) | 1-6 | |
| | | | TECHNICAL FIELDS SEARCHED (IPC) |
| | | | B24B |
| 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 | | Date of completion of the search | Examiner |
| Munich | | 30 January 2018 | Watson, Stephanie |
| CATEGORY OF CITED DOCUMENTS | | | |
| X : particularly relevant if taken alone | | T : theory or principle underlying the invention | |
| Y : particularly relevant if combined with another document of the same category | | E : earlier patent document, but published on, or after the filing date | |
| A : technological background | | D : document cited in the application | |
| O : non-written disclosure | | L : document cited for other reasons | |
| P : intermediate document | | & : member of the same patent family, corresponding document | |

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

EP 15 81 4434

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.

30-01-2018

| Patent document cited in search report | Publication date | Patent family member(s) | Publication date | |
|--|------------------|-------------------------|--------------------|------------|
| US 6402596 | B1 | 11-06-2002 | JP 2001205549 A | 31-07-2001 |
| | | | US 6402596 B1 | 11-06-2002 |
| ----- | | | | |
| US 2013252515 | A1 | 26-09-2013 | JP 5817116 B2 | 18-11-2015 |
| | | | JP 2011177883 A | 15-09-2011 |
| | | | US 2013252515 A1 | 26-09-2013 |
| ----- | | | | |
| JP H09309056 | A | 02-12-1997 | JP 3660056 B2 | 15-06-2005 |
| | | | JP H09309056 A | 02-12-1997 |
| ----- | | | | |
| JP 2010538842 | A | 16-12-2010 | AT 553885 T | 15-05-2012 |
| | | | CN 101842191 A | 22-09-2010 |
| | | | DE 102007044077 A1 | 19-03-2009 |
| | | | DK 2190627 T3 | 16-07-2012 |
| | | | EP 2190627 A2 | 02-06-2010 |
| | | | JP 2010538842 A | 16-12-2010 |
| | | | KR 20100043274 A | 28-04-2010 |
| | | | US 2010255758 A1 | 07-10-2010 |
| | | | WO 2009033485 A2 | 19-03-2009 |
| ----- | | | | |