

(43) International Publication Date  
20 September 2012 (20.09.2012)

- (51) International Patent Classification:  
*B60N 2/16* (2006.01) *B60N 2/18* (2006.01)
- (21) International Application Number:  
PCT/JP2012/001843
- (22) International Filing Date:  
16 March 2012 (16.03.2012)
- (25) Filing Language: English
- (26) Publication Language: English
- (30) Priority Data:  
2011-057357 16 March 2011 (16.03.2011) JP
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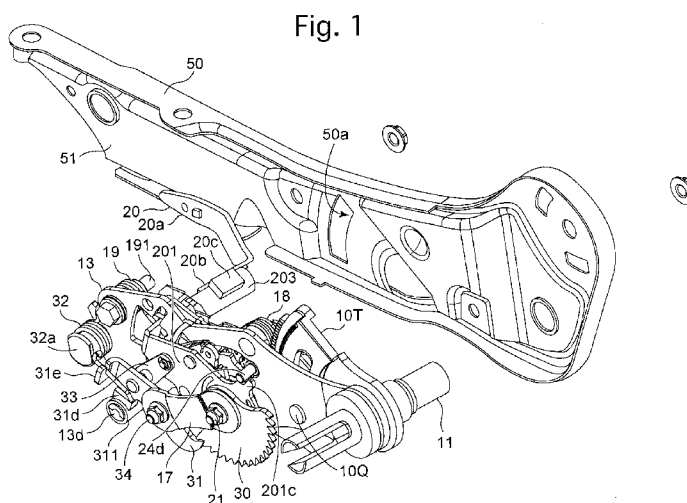
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(81) Designated States (unless otherwise indicated, for every kind of national protection available): AE, AG, AL, AM, AO, AT, AU, AZ, BA, BB, BG, BH, BR, BW, BY, BZ, CA, CH, CL, CN, CO, CR, CU, CZ, DE, DK, DM, DO, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, GT, HN, HR, HU, ID, IL, IN, IS, KE, KG, KM, KN, KP, KR, KZ, LA, LC, LK, LR, LS, LT, LU, LY, MA, MD, ME, MG, MK, MN, MW, MX, MY, MZ, NA, NG, NI, NO, NZ, OM, PE, PG, PH, PL, PT, QA, RO, RS, RU, RW, SC, SD, SE, SG, SK, SL, SM, ST, SV, SY, TH, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, ZA, ZM, ZW.

(84) Designated States (unless otherwise indicated, for every kind of regional protection available): ARIPO (BW, GH, GM, KE, LR, LS, MW, MZ, NA, RW, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AL, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HR, HU, IE, IS, IT, LT, LU, LV, MC, MK, MT, NL, NO, PL, PT, RO, RS, SE, SI, SK,

[Continued on next page]

(54) Title: VEHICLE SEAT VERTICAL POSITION ADJUSTMENT APPARATUS



(57) Abstract: A vehicle seat vertical position adjustment apparatus includes a lifting/lowering link which is pivoted at one end and the other end thereof to a lower bracket (50a) of a vehicle seat and a vehicle floor, an input member (20) supported by the vehicle seat and capable of being operated up and down, and a lifting/lowering mechanism driven in association with a lifting/lowering operation of the input member to lift and lower the lower bracket with rotational motion of the lifting/lowering link. The lifting/lowering link, the input member and the lifting/lowering mechanism are supported by an inner side of the lower bracket. A through-hole is formed in the lower bracket. The input member is installed to extend to an outer side of the lower bracket from the inner side thereof through the through-hole so that a control portion of the input member is positioned on the outer surface of the lower bracket.



SM, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

— *before the expiration of the time limit for amending the claims and to be republished in the event of receipt of amendments (Rule 48.2(h))*

**Published:**

— *with international search report (Art. 21(3))*

**(88) Date of publication of the international search report:**

8 November 2012

# INTERNATIONAL SEARCH REPORT

International application No  
PCT/JP2012/001843

A. CLASSIFICATION OF SUBJECT MATTER  
INV. B60N2/16 B60N2/18  
ADD.

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)  
B60N

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

EP0-Internal, WPI Data

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

| Category* | Citation of document, with indication, where appropriate, of the relevant passages                   | Relevant to claim No. |
|-----------|------------------------------------------------------------------------------------------------------|-----------------------|
| X         | DE 20 2007 017350 U1 (BROSE FAHRZEUGTEILE [DE]) 16 April 2009 (2009-04-16)                           | 1,7                   |
| A         | the whole document                                                                                   | 2-6                   |
|           | -----                                                                                                |                       |
| A         | JP 7 195969 A (DELTA KOGYO CO) 1 August 1995 (1995-08-01) cited in the application abstract; figures | 1-7                   |
|           | -----                                                                                                |                       |

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Further documents are listed in the continuation of Box C.

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See patent family annex.

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"Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art

"&" document member of the same patent family

Date of the actual completion of the international search

12 September 2012

Date of mailing of the international search report

21/09/2012

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# INTERNATIONAL SEARCH REPORT

Information on patent family members

International application No

PCT/JP2012/001843

| Patent document<br>cited in search report | Publication<br>date | Patent family<br>member(s) | Publication<br>date |
|-------------------------------------------|---------------------|----------------------------|---------------------|
| DE 202007017350 U1                        | 16-04-2009          | NONE                       |                     |
| -----                                     |                     |                            |                     |
| JP 7195969 A                              | 01-08-1995          | NONE                       |                     |
| -----                                     |                     |                            |                     |