DUAL MOTION DEPLOYABLE VEHICLE ACCESS STEP

Abstract: A dual motion vehicle access step that can be deployed by initially rotating it around a pivot joint in response to an operator pushing down on the step to overcome a closing torque and then translating the step away from the vehicle in response to a biasing force. Both of the closing torque and biasing force are provided by a single energy storage device. An interlocking latch is configured to selectively structurally lock-out either the rotating motion or translating motion on an alternating basis.

Title: DUAL MOTION DEPLOYABLE VEHICLE ACCESS STEP

Declarations under Rule 4.17:
— as to the identity of the inventor (Rule 4.17(i))

[Continued on next page]
— as to the applicant's entitlement to claim the priority of
the earlier application (Rule 4.17(b))
— of inventorship (Rule 4.17(iv))

Published:
— with international search report (Art. 21(3))
— before the expiration of the time limit for amending the
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amendments (Rule 48.2(h))

(88) Date of publication of the international search report:
15 March 2012
INTERNATIONAL SEARCH REPORT

PCT/IB2011/053202

A. CLASSIFICATION OF SUBJECT MATTER

INV. B60R3/02
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)

B60R

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 practical, search terms used)

EPO-Internal, WPI Data, PAJ

C. DOCUMENTS CONSIDERED TO BE RELEVANT

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<th>Category</th>
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<th>Relevant to claim No.</th>
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<td>A</td>
<td>US 2008/042396 AI (WATSON BRADLEY E [CA] ET AL) 21 February 2008 (2008-02-21) paragraphs [0033] - [0035]; figures 1-3</td>
<td>1, 2, 8</td>
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<td>US 2010/116590 AI (RUND ANTHONY M [US]) 13 May 2010 (2010-05-13) abstract; figures 4-9</td>
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Further documents are listed in the continuation of Box C. See patent family annex.

* Special categories of cited documents:

**A** document defining the general state of the art which is not considered to be of particular relevance

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**P** document published prior to the international filing date but later than the priority date claimed

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**M** member of the same patent family

Date of the actual completion of the international search: 6 January 2012

Name and mailing address of the ISA:

European Patent Office, P.B. 5818 Patentlaan 2 NL - 2280 HV Rijswijk
Tel. (+31-70) 340-2040, Fax: (+31-70) 340-3016

Date of mailing of the international search report: 16/01/2012

Authorized officer:

Petersson, Magnus
### INTERNATIONAL SEARCH REPORT

**Information on patent family members**

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