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(54) Title: COMPOSITE COMMERCIAL WALK-IN VAN BODY

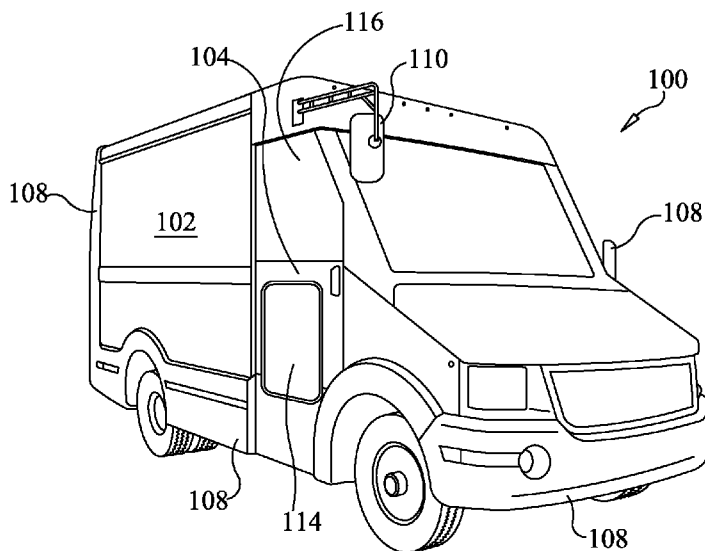


FIG. 1

(57) Abstract: A composite commercial walk-in van body is constructed via lightweight, composite structures. A composite floor structure having integral logistic tracks are joined to composite sidewalls that include integral rub rails that also integrally formed logistic tracks on an interior thereof. Pigment molded lower body panels that extend beyond the sidewalls are fully replaceable to enhance durability and maintenance of the walk-in van body. A one-piece molded roof eliminates leaks. Any necessary rivets are captured so as to prevent any wet-to-dry surface penetration. An easily accessible washer fluid and brake fluid reservoir aid in the maintenance and operability of the walk-in van body. Such elements contribute to substantial weight reduction, and increase in durability, functionality, and fuel economy of walk-in vans utilizing such a composite body.





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22 November 2012

## INTERNATIONAL SEARCH REPORT

International application No.  
**PCT/US2012/028085****A. CLASSIFICATION OF SUBJECT MATTER****B60P 3/025(2006.01)i, B62D 33/023(2006.01)i, B62D 33/04(2006.01)i**

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)

B60P 3/025; B62D 33/00; B60R 27/00; B60R 21/13; B60J 5/06

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

Korean utility models and applications for utility models

Japanese utility models and applications for utility models

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

eKOMPASS(KIPO internal) &amp; Keywords:vehicle, van, cargo, cab, rubrail, sidewall, walk-in, bulkhead

**C. DOCUMENTS CONSIDERED TO BE RELEVANT**

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	US 05069497A A (CLELLAND; WILLIAM F.) 03 December 1991 See page 1, line 62 to page 7, line 65; claims 1-10.	1-29
A	US 2011-0012332 A1 (ORIET LEO et al.) 20 January 2011 See paragraph 19 to paragraph 35; claims 1-20.	1-29
A	US 2006-0028050 A1 (RODNEY EHRLICH) 09 February 2006 See paragraph 14 to paragraph 89; claims 1-20.	1-29
A	US 05588693A A (HIGGINSON; ROY C. et al.) 31 December 1996 See page 3, line 10 to page 14, line 12; claims 1-19.	1-29

 Further documents are listed in the continuation of Box C. See patent family annex.

\* Special categories of cited documents:

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"&amp;" document member of the same patent family

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**INTERNATIONAL SEARCH REPORT**

Information on patent family members

International application No.

**PCT/US2012/028085**

Patent document cited in search report	Publication date	Patent family member(s)	Publication date
US 05069497A A	03.12.1991	None	
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US 05588693A A	31.12.1996	None	