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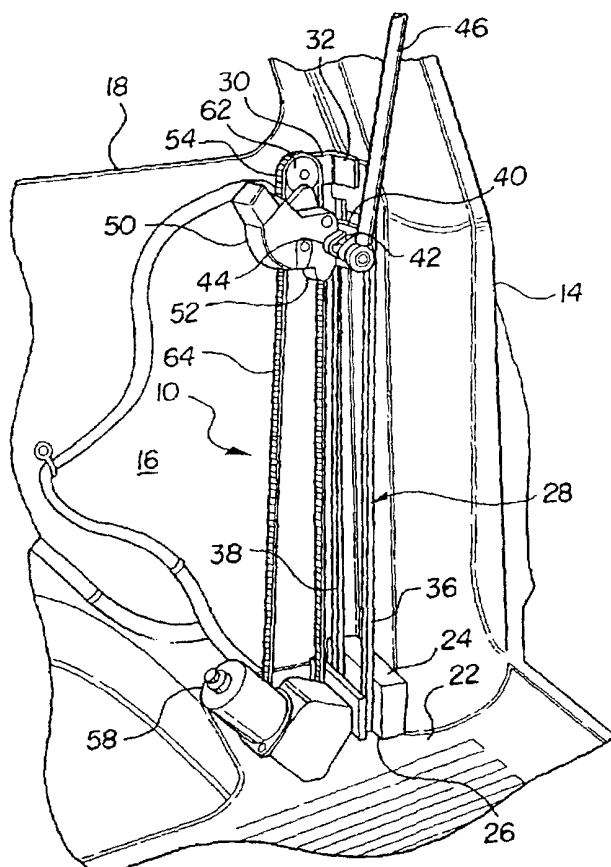
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[Continued on next page]

(54) Title: ROD ON RAIL POWER LIFTGATE DRIVE MECHANISM



(57) Abstract: A power liftgate drive assembly (10) moves a liftgate (12) of a motor vehicle (14) between an open position and a closed position. The power liftgate assembly (10) is aligned along the side of the motor vehicle (14). A liftgate rod (46) extends in a generally vertical orientation between the power liftgate drive assembly (10) and the liftgate (12). The assembly (10) includes a base (24) that is fixedly secured to the motor vehicle (14) near a load floor (22). A guide (28) extends upwardly from the base (24). The guide (28) extends along the side of the motor vehicle (14) and is disposed adjacent the liftgate (12) when the liftgate (12) is in the closed position. A liftgate carriage (40) is connected to the guide (28). The liftgate carriage (40) slides along the guide (28). The liftgate rod (46) is pivotally connected between the liftgate carriage (40) and the liftgate (12). The liftgate rod (46) translates the linear movement of the liftgate carriage (40) into the pivotal movement of the liftgate (12) to move the liftgate (12) between the open and closed positions.



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INTERNATIONAL SEARCH REPORT

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A. CLASSIFICATION OF SUBJECT MATTER

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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)

IPC 7 B60J

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

Category °	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	FR 2 730 714 A (RENAULT) 23 August 1996 (1996-08-23)	1-3
A	claim 1; figures 1-10 ---	11-13
A	US 5 588 258 A (BAUGHMAN ROBERT W ET AL) 31 December 1996 (1996-12-31)	1-3, 11-13
	claims 1,5; figures 1-7 ---	
A	FR 2 717 215 A (RENAULT) 15 September 1995 (1995-09-15)	1-3, 11-13
	figures 1-6 -----	

☐ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

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INTERNATIONAL SEARCH REPORT

Information on patent family members

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Patent document cited in search report		Publication date	Patent family member(s)	Publication date
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