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(54) Title: APPARATUS FOR POSITIONING THE SIDE MIRRORS OF A VEHICLE USING THE CENTRAL MIRROR

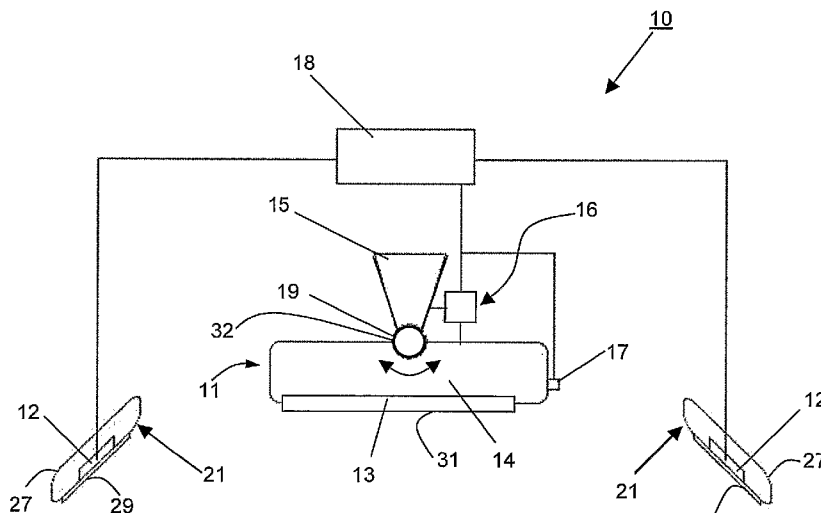


FIG. 1

(57) Abstract: A mirror positioning apparatus includes a support arm rigidly attachable to an interior surface of a vehicle, a central mirror coupled to the support arm for pivotal movement about a sensor pivot point, the central mirror having a reflective front surface, at least one sensor for sensing pivotal movements of the central mirror about the sensor pivot point and generating sensor output signals indicative of the pivotal movements, at least one side mirror disposed on an exterior side of the vehicle, a selection mechanism for selecting one or none of the at least one side mirror to be positioned and for generating a selection signal indicative of a selected side mirror, a computer processor electronically coupled to the sensor and the selection mechanism, the computer processor being configured for receiving the selection signal and the sensor output signals and for generating side mirror position signals based on the sensor output signals, and a side mirror motor operatively coupled to each of the at least one side mirror

for receiving the side mirror position signals and positioning the selected side mirror in accordance therewith.

## INTERNATIONAL SEARCH REPORT

International application No

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**A. CLASSIFICATION OF SUBJECT MATTER**  
 INV. B60R1/062

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)  
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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, PAJ, 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	US 2003/021001 A1 (O'FARRELL DESMOND J [US] ET AL) 30 January 2003 (2003-01-30)  paragraph [0022] - paragraph [0035]; figure 8	1-7, 11, 14, 17, 19, 21
A	US 5 194 789 A (BARRS JOHN A [US]) 16 March 1993 (1993-03-16) column 4, line 4 - column 5, line 49; figure 1	1
A	WO 96/16838 A (BRANDIN BERTIL A [DE]) 6 June 1996 (1996-06-06) page 3, line 17 - page 21, line 29; figure 1	1-22

Further documents are listed in the continuation of Box C.

See patent family annex.

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# INTERNATIONAL SEARCH REPORT

Information on patent family members

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