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Uebelein et al.

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(54) **METHOD FOR ELECTRONIC CONTROL
AND ADJUSTMENT OF THE MOVEMENT
OF ELECTRICALLY ACTUATED UNITS**

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(51) Int. Cl.⁷ **H02P 7/00**

(52) U.S. Cl. **318/287**; 318/280; 318/434;
318/461; 318/469

(58) Field of Search 318/287, 434,
318/469, 461, 465

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(57)

ABSTRACT

There is a method for controlling the movement of electrically operated assemblies, more particularly of window lifters, sliding roofs or the like in motor vehicles. The assembly has a setting device is connected to a drive device. At least in one partial area of the displacement path, the displacement force is restricted to a predetermined maximum value. A parameter is proportional to the displacement force of the electrically operated assembly. Upon reaching a boundary value corresponding to the maximum value of the displacement force over a predetermined time span, the parameter is regulated to a value corresponding to this boundary value.

22 Claims, 5 Drawing Sheets

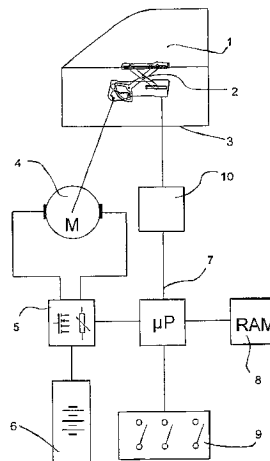
UUSI, LLC
Exhibit 2030

WEBASTO ROOF SYSTEMS, INC.
Petitioner

v.

UUSI, LLC
Patent Owner

Case:
IPR2014-00648
Patent: 8,217,612



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Fig. 1

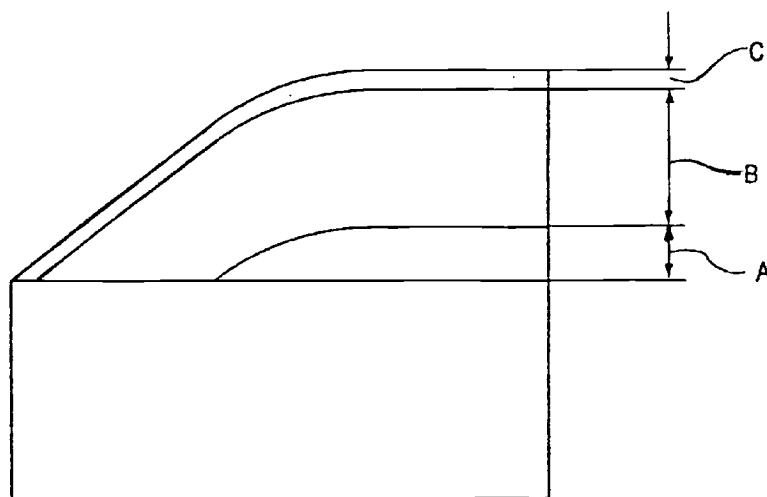


Fig. 2

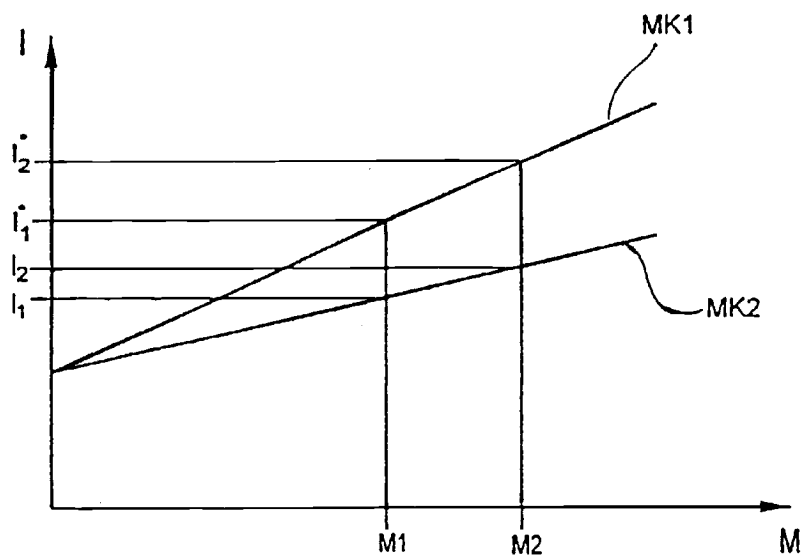


Fig. 3

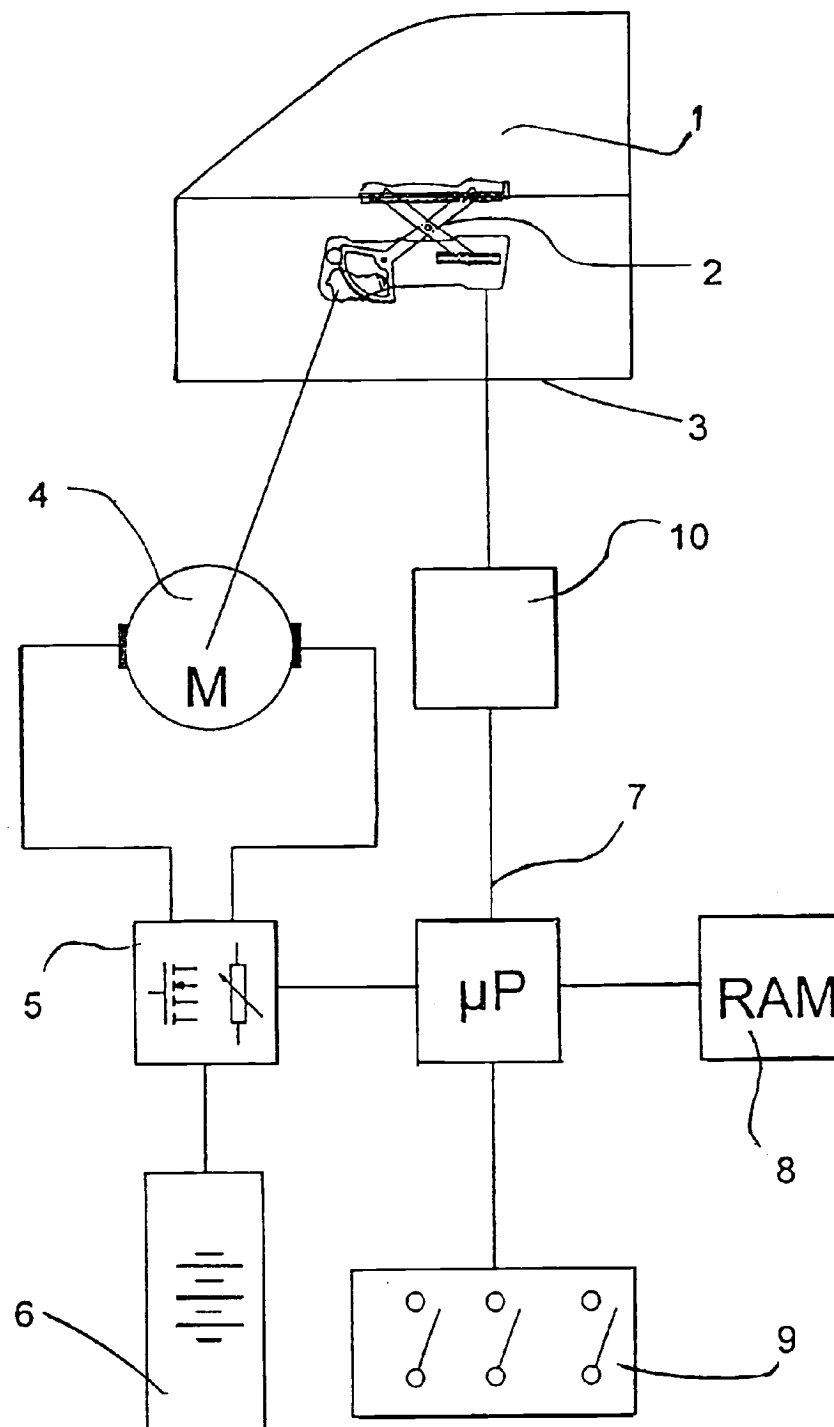
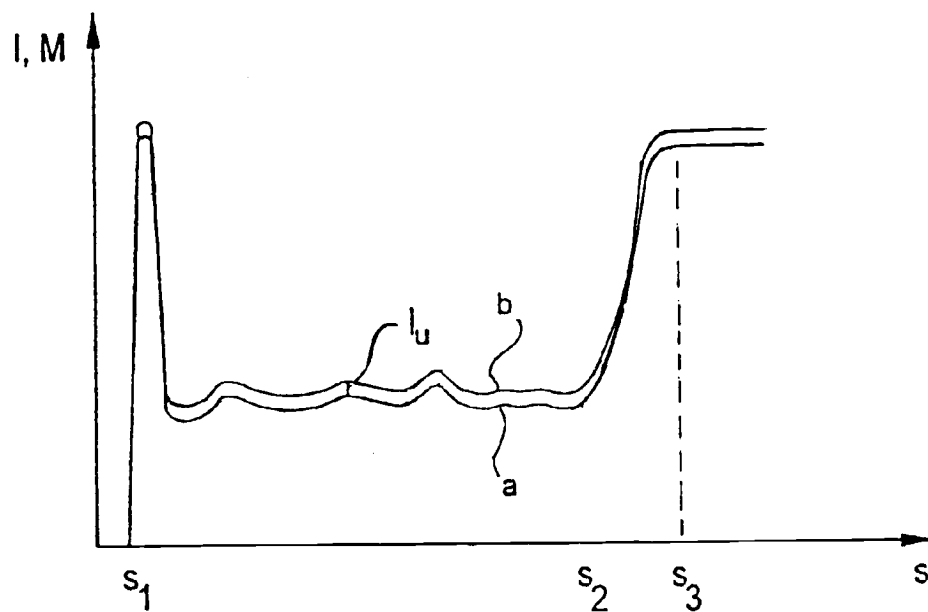


Fig. 4



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