

Title (en)
Pneumatic window lifter

Title (de)
Pneumatischer Fensterheber

Title (fr)
Dispositif lève-vitre pneumatique

Publication
EP 1726761 A1 20061129 (EN)

Application
EP 05381024 A 20050524

Priority
EP 05381024 A 20050524

Abstract (en)
The present invention relates to a pneumatic window lift meant to be installed on vehicle doors. The window lift can provide four basic functions performed by specific pneumatic circuits, namely: regulating the position, regulating the speed, pinching and braking when the window is at a certain position without being actuated. The speed regulation implies that despite the presence of gravity, which favours the downward motion, the raising and lowering speeds are identical. Pinching is a function that allows a partial lowering and removal of the raising force on the window if it is detected that the elevation is hindered. Lastly, the window can be braked at any position, whether closed or partially closed.

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Citation (search report)
• [XAY] US 4827415 A 19890502 - GUDAT WOLFGANG [DE], et al
• [XA] US 3223404 A 19651214 - NALLINGER FRIEDRICH K H
• [YA] DE 19952591 A1 20010510 - DAIMLER CHRYSLER AG [DE]

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