

Title (en)

Automatic device for powered gate opener with electronic sensing of end of travel.

Title (de)

Automatische Vorrichtung für einen kraftbetätigten Türöffner mit elektronischer Wahrnehmung des Bewegungsendes.

Title (fr)

Dispositif automatique pour un dispositif motorisé d'ouverture des portes avec détection électronique de la fin de course.

Publication

EP 0422711 A1 19910417 (EN)

Application

EP 90202557 A 19900927

Priority

IT 2201389 A 19891013

Abstract (en)

A control device for powered opening of gates or the like comprises a ratiomotor (10) which operates a gate or the like by means of a kinematic motion device (11) of the known art. The ratiomotor (10) is actuated by a control logic (12) to which is connected a circuit (21) to communicate thereto the reaching by the gate of the desired ends of travel. Said circuit (21) comprises a device (22) for detecting the absolute position of the gate, a circuit (16) for management and comparison of position data taken by the device (22) with two predetermined values, two pushbuttons (18) and (19), respectively to control memorization in nonvolatile memory means (17) of said predetermined values obtained as position data for the gate in the two positions considered end positions of its travel, a luminous status indicator (20) indicating completion of memorization. The device (22) for detection of the absolute position of the gate is embodied to advantage with an analog/digital conversion circuit (15) for a signal coming from a potentiometer (14) applied to the ratiomotor (10) so as to be operated during movement of the gate.

IPC 1-7

E05F 15/14; **E05F 15/20**; **H02P 7/00**

IPC 8 full level

E05F 15/10 (2006.01); **E05F 15/14** (2006.01)

CPC (source: EP US)

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Citation (search report)

- [X] DE 8800517 U1 19890518
- [Y] DE 3602567 A1 19870730 - GEZE GMBH [DE]
- [Y] EP 0182699 A1 19860528 - RENAULT VEHICULES IND [FR]

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