

Title (en)

MOTOR VEHICLE CLOSING DEVICE WITH A POSITION RECOGNITION SYSTEM FOR A MOVEABLE CONTROL ELEMENT

Title (de)

KRAFTFAHRZEUG-SCHLIESSVORRICHTUNG MIT EINER POSITIONSERKENNUNG EINES SICH BEWEGENDEN STELLELEMENTES

Title (fr)

DISPOSITIF DE FERMETURE POUR VEHICULES AUTOMOBILES COMPORTANT UN SYSTEME DE RECONNAISSANCE DE LA POSITION D'UN ELEMENT DE REGLAGE SE DEPLA ANT

Publication

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Application

EP 98951215 A 19980825

Priority

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- DE 19736738 A 19970825
- DE 19743129 A 19970930

Abstract (en)

[origin: US6400278B1] The subject matter of the invention is a motor vehicle closing device with a positioning element (3) which turns around one axis of rotation (7) or which moves linearly along one lengthwise axis and which has a position which is to be ascertained, and with a position detection means (8) which works without contact and which is located on the path of motion of the positioning element (3) (or on the positioning element 3 itself). It thus lends itself to "diagnosis" by the fact that on the positioning element (3) (or on the path of movement of the positioning element 3) in the direction of its motion there are several passive position detection elements (9) in succession and that position detection takes place by counting the signals of the position detection elements (9) by the position detection means (8). In particular it is provided that the position detection means (8) has a sensor which is sensitive to magnetic fields, especially a Hall sensor, a reed contact or a magnetoresistive sensor and the position detection elements (9) are made as alternately magnetic and nonmagnetic pole zones or pole zones which are magnetized with changing polarity.

IPC 1-7

E05B 17/22; E05B 47/00; E05B 65/12

IPC 8 full level

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CPC (source: EP US)

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