

Title (en)

CLOSING SYSTEM FOR A DOOR, LID OR THE LIKE, PARTICULARLY THOSE OF VEHICLES

Title (de)

SCHLIESSSYSTEM FÜR EINE TÜR, Klappe od.Dgl., insbesondere bei Fahrzeugen

Title (fr)

SYSTEME DE FERMETURE D'UNE PORTE, D'UN VOLET OU EQUIVALENT, NOTAMMENT DE VEHICULE

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Application

EP 03763677 A 20030701

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Abstract (en)

[origin: WO2004007876A1] The invention relates to a closing system comprising handles (20) for operating latches that are inoperative when in a locked position, and only enable the latch to open when the latch is in an unlocked position. In conjunction with an access authorization device, the approaching of a hand to the handle (20) can be sensed in advance by a capacitive sensor thus enabling a very early reversing of the latch into the respectively desired position. To this end, two electrodes (51, 52) are integrated inside the handle (20), and a shielding (53) is located between these electrodes. One electrode (51) generates an inner field (50) between the handle (20) and the vehicle (10) and, with the vehicle body, acts as a capacitive inner sensor. The other electrode (52), however, generates an outer field (60) with regard to the surrounding area of the vehicle. When, during normal use of the handle (20), the hand passes into the area of the inner field (50), a first function in the latch or vehicle is carried out. In contrast, when the hand is brought towards the handle (20) from the outside, the dielectric properties in the outer field (60) are altered thereby leading to a second function in the latch or vehicle.

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Citation (search report)

See references of WO 2004007876A1

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