

Title (en)

EXTERNAL HANDLE ON DOORS OR HATCHES OF VEHICLES

Title (de)

AUSSENGRIFF AN TÜREN ODER KLAPPEN VON FAHRZEUGEN

Title (fr)

POIGNÉE EXTÉRIEURE POUR PORTIÈRES OU PANNEAUX ARTICULÉS DE VÉHICULES

Publication

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Application

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Abstract (en)

[origin: US2010088856A1] The invention relates to an external handle on doors or hatches of vehicles, using a two piece (10, 20) housing, wherein a cavity (21) is generated between said pieces. A sensor (31, 32) is arranged in said cavity in a container (30). On operation, the sensor carries out certain functions in the lock. According to the invention, failures caused by the ingress of fluids into the cavity (21) can be avoided, wherein the container (30) is formed from an elastic molded mass (35), in which the sensor (31, 32) and optionally some further electric and/or electronic components for the sensor operation are embedded. An elastic surface (36) is achieved on at least one end piece of the container (30) by means of the molded mass (35). When assembled, the container (30) is pressed (41) with said elastic surface (36) against an inner surface (29) of the housing piece (10, 20). On pressing (41), the end piece of the container (30) deforms and functions as sealing means (40'), preventing an ingress of fluid between the container surface (36) and the housing inner surface (29).

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