

Title (en)
HANDLE FOR DOORS OR HINGED FLAPS OF VEHICLES

Title (de)
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Title (fr)
POIGNEE POUR PORTES OU HAYONS DE VEHICULES A MOTEUR

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Application
EP 04740687 A 20040706

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Abstract (en)
[origin: WO2005008003A1] The invention relates to a handle with an integrated switch (20) for doors or hinged flaps of vehicles. The push-button switch is essentially made up of two components which can be fitted together. The first component (21) is made of a single-pieced injection-moulding product made of three plastic components which comprise a solid covering-shaped housing and an elastic membrane. Said membrane closes the housing cover (22) at the base on one end thereof, thus giving the component (21) a shell shape. A solid pressure activator (24) on the membrane (23) is used as the third plastic component. The second component (31) is formed from a circuit board (33) comprising connected cables (19) and a microswitch (30) mounted thereon. The second component (31) is inserted into the inside of a shell (26) of the first component (21). The circuit board (33) is oriented towards the shell opening (28) and is projected from the edge of the shell (43) of the shell-shaped component (21). Said connecting area of both components (21, 31) is secured by a safety plate (37) which covers at least the inserted circuit board (33) in certain areas. The remaining part of the shell edge of the shell-shaped component (21) is used as a mould and becomes a sealing compound (48) which closes the shell opening (28) after hardening.

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