

Title (en)

DEVICE FOR MECHANICALLY MONITORING AND/OR SECURING THE OPERATING POSITION OF ELECTRICAL OR ELECTRONIC PROXIMITY SWITCHES, E.G. MAGNET CONTACTS

Publication

**EP 0213356 B1 19880921 (DE)**

Application

**EP 86109869 A 19860718**

Priority

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Abstract (en)

[origin: EP0213356A1] 1. A device for mechanically detecting and/or securing the operative position of electrical or electronic proximity switches (16), preferably of the kind having magnetic contacts (17a, 17b, ..., 17k) in surveillance equipment and intruder alarms, such switches being disposed on aperture-closing facilities (A, B, ..., K) such as windows, doors, hatches or the like, the contact part (17) being disposed on one element of such facility, for example, on the fixed frame (1) of a window or door, while the triggering part (18) is secured to the other element of the facility, for example, to the sash (2) of the window or the leaf of the door, characterized by : a support lug (23, 223 respectively) adapted to be secured to one element of the closure facility (A, B, ..., K) for example, to the fixed frame (1) and, disposed adjacent the same on the other element of the facility (A, B, ..., K), for example, on the sash (2), a catch pin (24, 224 respectively), the lug (23, 223) carrying, at such a distance (30, 230 respectively) from the closure plane (31 - 31 and 231 - 231 respectively) of the closure facility (A, B, ..., K) as exceeds the response distance of the proximity switch (16), a stop surface (28, 228) which is disposed in the entry path of the catch pin (24, 224 respectively) and which merges towards the closure plane (31 - 31 and 231 - 231 respectively) into a slot-like or groove-like gate (26 and 226a, 226b respectively) adapted to receive the catch pin (24, 224 respectively), the same being disposed in a guide (34, 36 and 234, 236 respectively) and being adapted to be changed over manually (33, 37 and 233, 237 respectively) in the guide, in a plane parallel to the closure plane (31 - 31 and 231 - 231 respectively) between an operative position associated with the stop surface (28, 228 respectively) and at least one locked position associated with the gate (26, 226 respectively).

IPC 1-7

**E05C 17/46**; **G08B 13/08**

IPC 8 full level

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CPC (source: EP)

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Citation (examination)

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