

Title (en)
Switch

Title (de)
Schalter

Title (fr)
Interrupteur

Publication
EP 0744760 B1 20031119 (DE)

Application
EP 96106877 A 19960502

Priority
DE 19518824 A 19950523

Abstract (en)
[origin: DE19518824C1] The switch (10) has a movable mass (17) movable along a track (32) between a rest position and an end position. At least a first return element (18) which biases the mass (17) in its rest position. A switch contact (27) is actuated by the mass (17). The first return element (18) is coupled to an actuator (15). This actuates the switch contact (27) when the mass (17) moves against the force of the return element (18) from its rest position in the direction of an end position. The actuator (15) actuates the switch contact (27) when the mass (17) is in a switch position before reaching the end position. A further return element (21) is provided. This is connected to the first return element (18) and is arranged such that it acts against a further movement of the mass (17) to the end position when the switch is actuated so that the switch contact (27) remains actuated while the mass (17) moves from its switch position in a direction of the end position.

IPC 1-7
H01H 35/14

IPC 8 full level
H01H 35/14 (2006.01); **H01H 1/50** (2006.01)

CPC (source: EP US)
H01H 35/14 (2013.01 - EP US); **H01H 1/50** (2013.01 - EP US)

Cited by
US7541114B2

Designated contracting state (EPC)
FR GB IT SE

DOCDB simple family (publication)
DE 19518824 C1 19960814; EP 0744760 A2 19961127; EP 0744760 A3 19980422; EP 0744760 B1 20031119; US 5726403 A 19980310

DOCDB simple family (application)
DE 19518824 A 19950523; EP 96106877 A 19960502; US 65226296 A 19960523