

Title (en)
Switch and electronic device

Title (de)
Schalter und elektronische Vorrichtung

Title (fr)
Commutateur et dispositif électronique

Publication
EP 2413339 B1 20161005 (EN)

Application
EP 11174704 A 20110720

Priority
• JP 2010187996 A 20100825
• JP 2010168848 A 20100728

Abstract (en)
[origin: EP2413339A1] This invention provides a switch in which the switch components are separately arranged at the portion where the switch components tend to be arranged in a concentrated manner in the housing without being collectively arranged in one region in the housing to achieve miniaturization and slimming, and in which the welding avoiding performance at the contact is enhanced to extend the lifespan, and an electronic device. A switch includes an operating element (120) which is supported in a housing (110) and which is oscillation operated to one side and the other side, a power supply switch mechanism (180) for bringing contacts (186, 187) of a movable piece (182) and a fixed terminal (183) facing each other in the housing into contact with each other to turn ON a power supply in cooperation with the ON operation when the operating element (120) is oscillated to one side and ON operated, and a power supply reset mechanism (170) for holding and releasing the ON state of the power supply switch mechanism (180), wherein the power supply reset mechanism (170) is arranged on one side in an oscillation operating direction of the operating element (120), and the power supply switch mechanism (180) is arranged on the other side in the oscillation operating direction of the operating element (120).

IPC 8 full level
H01H 3/00 (2006.01); **H01H 3/20** (2006.01); **H01H 7/00** (2006.01); **H01H 9/20** (2006.01); **H01H 23/20** (2006.01); **H01H 23/22** (2006.01)

CPC (source: EP)
H01H 3/001 (2013.01); **H01H 3/20** (2013.01); **H01H 7/00** (2013.01); **H01H 9/20** (2013.01); **H01H 23/205** (2013.01); **H01H 23/22** (2013.01)

Cited by
CN105390321A; US9980910B2

Designated contracting state (EPC)
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)
EP 2413339 A1 20120201; EP 2413339 B1 20161005

DOCDB simple family (application)
EP 11174704 A 20110720