

Title (en)

Switch device and electronic devices using the switch device

Title (de)

Schalter und Elektronisches Gerät die dieser Schalter verwendet

Title (fr)

Interrupteur et dispositifs électroniques utilisant cet interrupteur

Publication

EP 0918344 A2 19990526 (EN)

Application

EP 98308678 A 19981023

Priority

- JP 31945897 A 19971120
- JP 22165498 A 19980805

Abstract (en)

According to the construction of the switch device of the present invention, spring means (5) are used, as both a return spring for an operating member (6) and a movable contact, the operating member being for operating a switch portion (S1) and a push switch. Consequently, the switch device of the present invention is smaller in the number of components used, less expensive and superior in productivity as compared with the conventional switch device. <IMAGE>

IPC 1-7

H01H 25/00

IPC 8 full level

H01H 25/06 (2006.01); **H01H 25/00** (2006.01); **H01H 1/24** (2006.01)

CPC (source: EP)

H01H 25/008 (2013.01); **H01H 1/242** (2013.01)

Cited by

EP1477999A3; FR2793067A1; EP1182676A3; US6849817B2

Designated contracting state (EPC)

DE FR GB SE

DOCDB simple family (publication)

EP 0918344 A2 19990526; **EP 0918344 A3 20000426**; **EP 0918344 B1 20030924**; CN 1114931 C 20030716; CN 1218268 A 19990602; DE 69818398 D1 20031030; DE 69818398 T2 20040701; JP 3763676 B2 20060405; JP H11213819 A 19990806

DOCDB simple family (application)

EP 98308678 A 19981023; CN 98124806 A 19981112; DE 69818398 T 19981023; JP 22165498 A 19980805