

Title (en)

Switching device having an electric circuit with an electronic component

Title (de)

Schaltgerät mit einer Schaltvorrichtung und einem elektronischen Bauelement sowie elektrische Zusatzschaltung dafür

Title (fr)

Appareil de coupure avec un circuit électrique pour un composant électronique

Publication

EP 1780742 B1 20110119 (DE)

Application

EP 05023756 A 20051031

Priority

EP 05023756 A 20051031

Abstract (en)

[origin: EP1780742A1] The switchgear (1) has a switching device with a switching mechanism (2). The switching device is supplied with an operating voltage. A PCB (31) is provided having an electronic component (32-34) and being electrically connected to the switching device to form a supplementary electrical circuit that receives the operating voltage as the operating voltage is being supplied to the switching device. The switching device is a relay. A housing cover is positioned over the switching device and the PCB. The PCB partially bears on the housing cover. An independent claim is included for an electronic switch.

IPC 8 full level

H01H 50/02 (2006.01)

CPC (source: EP US)

H01H 50/021 (2013.01 - EP US); **H01H 9/0271** (2013.01 - EP US); **H01H 50/08** (2013.01 - EP US); **H01H 2001/5816** (2013.01 - EP US)

Cited by

EP2045825A1

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)

EP 1780742 A1 20070502; EP 1780742 B1 20110119; AT E496384 T1 20110215; CN 1983484 A 20070620; CN 1983484 B 20101110; DE 502005010887 D1 20110303; ES 2358516 T3 20110511; JP 2007128880 A 20070524; JP 4702956 B2 20110615; US 2007097602 A1 20070503; US 7522025 B2 20090421

DOCDB simple family (application)

EP 05023756 A 20051031; AT 05023756 T 20051031; CN 200610164109 A 20061031; DE 502005010887 T 20051031; ES 05023756 T 20051031; JP 2006295474 A 20061031; US 55268306 A 20061025