

Title (en)
SAFETY SWITCH DEVICE

Title (de)
SICHERHEITSSCHALTEREINRICHTUNG

Title (fr)
DISPOSITIF À COMMUTATEUR DE SÉCURITÉ

Publication
EP 2089892 B1 20130501 (DE)

Application
EP 07846559 A 20071112

Priority
• EP 2007009762 W 20071112
• DE 102006053397 A 20061110

Abstract (en)
[origin: WO2008055701A1] The invention proposes a safety switch device for switching a power supply to a load on and off with at least one driveable switching element (1, 2, 21, 22), in particular a relay and a safety circuit (103, 104) for checking a switching state of the switching element. According to the invention, the switching element (1, 2, 21, 22) is in the form of a changeover switch in such a way that a first contact (1c, 2c) is electrically connected, by means of a switching operation, either to a second contact (1b, 2b) or a third contact (1a, 2a). In addition, the invention proposes a method for operating a safety switch device.

IPC 8 full level
H01H 47/00 (2006.01)

CPC (source: EP US)
H01H 47/004 (2013.01 - EP US); **H01H 47/005** (2013.01 - EP US)

Cited by
US2019096611A1; EP3462471A1

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 MT NL PL PT RO SE SI SK TR

DOCDB simple family (publication)
DE 102006053397 A1 20080515; CN 101578678 A 20091111; CN 101578678 B 20120815; DK 2089892 T3 20130729;
EP 2089892 A1 20090819; EP 2089892 B1 20130501; US 2009251835 A1 20091008; US 8035942 B2 20111011; WO 2008055701 A1 20080515

DOCDB simple family (application)
DE 102006053397 A 20061110; CN 200780049561 A 20071112; DK 07846559 T 20071112; EP 07846559 A 20071112;
EP 2007009762 W 20071112; US 43686509 A 20090507