

Title (en)

SAFETY SWITCH DEVICE WITH A FIRST AND A SECOND INPUT CIRCUIT BREAKER

Title (de)

SICHERHEITSSCHALTVORRICHTUNG MIT EINEM ERSTEN UND EINEM ZWEITEN EINGANGSSCHALTER

Title (fr)

DISPOSITIF DE COMMUTATION DE SECURITE COMPRENANT UN PREMIER ET UN SECOND COMMUTATEUR D'ENTREE

Publication

EP 1259969 B1 20030924 (DE)

Application

EP 01905781 A 20010216

Priority

- DE 10009707 A 20000229
- EP 0101728 W 20010216

Abstract (en)

[origin: US2003057069A1] The present invention relates to a safety switching apparatus having a first and a second input switch, whose respective switch settings define an input-side manipulated variable redundantly with respect to one another. The safety switching apparatus furthermore has at least one output switching element which is arranged in an output circuit. In addition, an evaluation and control unit is provided, which drives the at least one output switching element as a function of the defined manipulated variable. Switching contacts of the first and of the second input switch are coupled with one another, in terms of their switch positions, via a common actuating member. According to one aspect of the invention, the switching contacts of the first and of the second input switch are spatially arranged in one plane.

IPC 1-7

H01H 19/00

IPC 8 full level

H01H 13/58 (2006.01); **H01H 19/00** (2006.01); **H01H 47/00** (2006.01)

CPC (source: EP US)

H01H 19/001 (2013.01 - EP US); **H01H 47/004** (2013.01 - EP US)

Designated contracting state (EPC)

AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE TR

DOCDB simple family (publication)

US 2003057069 A1 20030327; **US 6825579 B2 20041130**; AT E250804 T1 20031015; AU 3377101 A 20010912; DE 10009707 A1 20010906; DE 50100684 D1 20031030; EP 1259969 A1 20021127; EP 1259969 B1 20030924; JP 2003526879 A 20030909; WO 0165577 A1 20010907

DOCDB simple family (application)

US 22594102 A 20020822; AT 01905781 T 20010216; AU 3377101 A 20010216; DE 10009707 A 20000229; DE 50100684 T 20010216; EP 0101728 W 20010216; EP 01905781 A 20010216; JP 2001564374 A 20010216