

Title (en)

Protective switch device with a status display device

Title (de)

Schutzschaltgerät mit einer Statusanzeigevorrichtung

Title (fr)

Disjoncteur électrique avec un dispositif d'affichage d'état

Publication

EP 2568489 B1 20180711 (DE)

Application

EP 12178706 A 20120731

Priority

DE 102011082258 A 20110907

Abstract (en)

[origin: EP2568489A1] The device (10) has a status indicator device including a light guide (16) and two LEDs (14). The LEDs are controlled independently by a control device (12) such that the light of different colors is passed through the same light guide. The mixed colors are generated in addition to the individual colors of LEDs, for displaying four states. An independent claim is included for a method for providing the status indication device in the protective switching device.

IPC 8 full level

H01H 9/16 (2006.01); **H01H 71/04** (2006.01)

CPC (source: EP)

H01H 9/161 (2013.01); **H01H 71/04** (2013.01); **H01H 2071/042** (2013.01)

Citation (opposition)

Opponent : E-T-A Elektrotechnische Apparate GmbH

- DE 69813842 T2 20031030 - SQUARE D CO [US]
- US 4969063 A 19901106 - SCOTT GARY W [US], et al
- GB 2395361 A 20040519 - DELTA ELECTRICAL LTD [GB]
- EP 1511056 A2 20050302 - EATON CORP [US]
- DE 102004040289 A1 20060223 - SIEMENS AG [DE]
- EP 1956754 A1 20080813 - ABB PATENT GMBH [DE]
- DE 1791154 A1 19711118 - SIEMENS AG
- DE 102006007847 A1 20070830 - DSPACE GMBH [DE]
- DE 202008006070 U1 20090910 - DEWERT ANTRIEBS SYSTEMTECH [DE]
- DE 102007014264 A1 20080925 - SIEMENS AG [DE]

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CN104241006A

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 2568489 A1 20130313; **EP 2568489 B1 20180711**; CN 103000439 A 20130327; CN 103000439 B 20170905;
DE 102011082258 A1 20130307

DOCDB simple family (application)

EP 12178706 A 20120731; CN 201210328574 A 20120907; DE 102011082258 A 20110907