

Title (en)  
Electrical switchgear

Title (de)  
Elektrisches Schaltgerät

Title (fr)  
Commutateur électrique

Publication  
**EP 1385188 A3 20050420 (DE)**

Application  
**EP 03013885 A 20030620**

Priority  
DE 10233331 A 20020723

Abstract (en)  
[origin: DE10233331C1] The switch device has a dished base part for reception of an electrical circuit board provided with the electrical/electronic components for the required switch functions and at least one operating button (2) which can be moved in different directions, provided with operating cams for microswitches mounted on the circuit board on its underside. The operating button has at least one transparent light exit region provided by the end of a light guide rod, illuminated by a light-emitting diode mounted on the circuit board and coupled to a light guide ending in a light output region (9) in one of the shorter sides (12) of an intermediate frame (3) below the operating button.

IPC 1-7  
**H01H 23/02**; **H01H 23/14**

IPC 8 full level  
**H01H 23/02** (2006.01); **H01H 23/14** (2006.01)

CPC (source: EP)  
**H01H 23/025** (2013.01); **H01H 23/143** (2013.01)

Citation (search report)

- [DA] EP 0899763 A2 19990303 - ABB PATENT GMBH [DE]
- [A] DE 3151273 A1 19830707 - RAU SWF AUTOZUBEHOER [DE]
- [A] JP 2001060424 A 20010306 - YAZAKI CORP
- [A] DE 3533056 A1 19870326 - SWF AUTO ELECTRIC GMBH [DE]

Cited by  
CN102290276A; DE102006024994B3; EP3686909A1; EP3686908A1

Designated contracting state (EPC)  
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LU MC NL PT RO SE SI SK TR

DOCDB simple family (publication)  
**DE 10233331 C1 20031120**; EP 1385188 A2 20040128; EP 1385188 A3 20050420; EP 1385188 B1 20120704; ES 2390762 T3 20121116; PL 204562 B1 20100129; PL 361393 A1 20040126

DOCDB simple family (application)  
**DE 10233331 A 20020723**; EP 03013885 A 20030620; ES 03013885 T 20030620; PL 36139303 A 20030722