

Title (en)  
Electric device with an illuminating function

Title (de)  
Elektrisches Schaltgerät mit Lichtfunktion

Title (fr)  
Appareillage électrique à fonction lumineuse

Publication  
**EP 1727175 A1 20061129 (FR)**

Application  
**EP 06290687 A 20060428**

Priority  
FR 0505254 A 20050525

Abstract (en)  
The appliance has a carrier (200) mounted pivotally in a socket for opening and closing electrical contact in the socket. An illuminating unit illuminates a front zone of the appliance and includes a light source which emits a luminous flux in direction of an optical guide. A control button is accessible to a user and is retained on the carrier for pivoting around a pivoting axis of the carrier. The optical guide is adapted to guide the luminous flux along the pivoting axis. An optical conduit (500) recovers the luminous flux guided according to the axis and brings it to the zone.

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

CPC (source: EP KR)  
**H01H 9/16** (2013.01 - KR); **H01H 9/18** (2013.01 - KR); **H01H 23/025** (2013.01 - EP); **H01H 2219/062** (2013.01 - EP)

Citation (applicant)  
• US 4710858 A 19871201 - VAN HOUT JAMES E [US], et al  
• DE 202004003530 U1 20040603 - JUNG GMBH ALBRECHT [DE]  
• GB 2083708 A 19820324 - DAIMLER BENZ AG  
• FR 2045846 A1 19710305 - BOSCH

Citation (search report)  
• [X] US 4710858 A 19871201 - VAN HOUT JAMES E [US], et al  
• [X] DE 202004003530 U1 20040603 - JUNG GMBH ALBRECHT [DE]  
• [X] GB 2083708 A 19820324 - DAIMLER BENZ AG  
• [X] FR 2045846 A1 19710305 - BOSCH

Cited by  
CN103982846A; FR2998087A1; EP4250322A1; FR3133701A1

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

Designated extension state (EPC)  
AL BA HR MK YU

DOCDB simple family (publication)  
**EP 1727175 A1 20061129; EP 1727175 B1 20090916**; AT E443339 T1 20091015; CN 1870195 A 20061129; CN 1870195 B 20100421; DE 602006009179 D1 20091029; ES 2332013 T3 20100122; FR 2886453 A1 20061201; FR 2886453 B1 20080104; KR 101188369 B1 20121008; KR 20060121761 A 20061129; RU 2006117883 A 20071210; RU 2391632 C2 20100610

DOCDB simple family (application)  
**EP 06290687 A 20060428**; AT 06290687 T 20060428; CN 200610091698 A 20060525; DE 602006009179 T 20060428; ES 06290687 T 20060428; FR 0505254 A 20050525; KR 20060046970 A 20060525; RU 2006117883 A 20060524