

Title (en)  
Control device for controlling functions

Title (de)  
Bedienteil für Steuerungsfunktionen

Title (fr)  
Élément de contrôle pour des fonctions de commande

Publication  
**EP 1043646 A3 20010228 (DE)**

Application  
**EP 00104684 A 20000303**

Priority  
DE 19915990 A 19990409

Abstract (en)  
[origin: DE19915990C1] The operating part has several rotary knobs whose position is indicated by a light indicator containing a LED and optical conductor. One knob (2) has a light conducting body (4) interacting directly with the LED and with a light output surface that interacts with the input surface of a light conducting plate (7) leading to the other rotary knobs. The light conducting body has latching protrusions and recesses on the axial surfaces of its outer edge that interact with latching hooks on a clamp spring pushed between mounting ribs on the light conducting plate and held between a plate edge and a housing rib.

IPC 1-7  
**G05G 1/08**; G05G 1/10; B60H 1/00

IPC 8 full level  
**B60K 35/10** (2024.01); **B60H 1/00** (2006.01); **G05G 1/08** (2006.01); **H01H 19/02** (2006.01); **H01H 19/11** (2006.01)

CPC (source: EP US)  
**H01H 19/025** (2013.01 - EP US); **H01H 19/11** (2013.01 - EP US); **H01H 2219/062** (2013.01 - EP US)

Citation (search report)

- [DA] DE 19539081 A1 19970424 - PREH ELEKTRO FEINMECHANIK [DE]
- [A] FR 2756067 A1 19980522 - VALEO ELECTRONIQUE [FR]
- [A] US 5861589 A 19990119 - SATO HIROYUKI [JP], et al

Designated contracting state (EPC)  
AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)  
**DE 19915990 C1 20000525**; EP 1043646 A2 20001011; EP 1043646 A3 20010228; JP 2000322140 A 20001124; US 6392175 B1 20020521

DOCDB simple family (application)  
**DE 19915990 A 19990409**; EP 00104684 A 20000303; JP 2000105302 A 20000406; US 54447000 A 20000407