

Title (en)

Control panel with laser backlight

Title (de)

Bedienungstafel mit Laserrückbeleuchtung

Title (fr)

Tableau de commande avec laser d'éclairage par l'arrière

Publication

EP 1231620 A1 20020814 (EN)

Application

EP 01400359 A 20010212

Priority

EP 01400359 A 20010212

Abstract (en)

The present invention is related to a control panel and in particular to remote controls equipped with a backlight system. The backlight system comprises at least one laser diode as light source and mirrors or other beam splitting elements to direct portions of the laser light to operating keys of the remote control. The use of a laser diode and deflecting elements provides a very efficient backlight system reducing the energy consumption and thereby enhancing the battery lifetime of a remote control. The remote control according to the invention also allows new design opportunities.
<IMAGE>

IPC 1-7

H01H 19/18

IPC 8 full level

H01H 19/18 (2006.01); **H01H 9/02** (2006.01)

CPC (source: EP)

H01H 19/186 (2013.01); **H01H 9/0235** (2013.01); **H01H 2009/184** (2013.01); **H01H 2219/06** (2013.01)

Citation (search report)

- [Y] US 5128842 A 19920707 - KENMOCHI YOSHIO [JP]
- [Y] US 5408060 A 19950418 - MUURINEN JARI [FI]
- [A] US 5684513 A 19971104 - DECKER MARK RANDALL [US]
- [A] US 6163247 A 20001219 - O'MEARA JAMES C [US]

Cited by

EP2237294A3

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)

EP 1231620 A1 20020814

DOCDB simple family (application)

EP 01400359 A 20010212