

Title (en)

Method of manipulating an operating light

Title (de)

Verfahren zum Manipulieren einer Operationsleuchte

Title (fr)

Méthode de manipulation d'une lampe d'opération chirurgicale

Publication

**EP 0933973 B1 20030625 (DE)**

Application

**EP 98121961 A 19981119**

Priority

DE 19803494 A 19980129

Abstract (en)

[origin: EP0933973A2] Control signals are led through a path forming part of the lamp interior, between an operating unit and an actuator. The control signals are modulated onto a carrier and are subsequently demodulated.

IPC 1-7

**H05B 37/02**

IPC 8 full level

**F21S 8/00** (2006.01); **H04L 25/28** (2006.01); **H05B 37/02** (2006.01)

CPC (source: EP US)

**H05B 47/10** (2020.01 - EP US); **F21V 21/403** (2013.01 - EP US); **F21W 2131/205** (2013.01 - EP US); **Y10S 362/804** (2013.01 - EP US)

Cited by

EP2169965A1; US8430815B2; US10653494B2; JP2003000616A; EP1251722A3; WO2017025309A1

Designated contracting state (EPC)

DE FR IT SE

DOCDB simple family (publication)

**EP 0933973 A2 19990804**; **EP 0933973 A3 20010523**; **EP 0933973 B1 20030625**; DE 19803494 A1 19990805; DE 59808811 D1 20030731; US 6160582 A 20001212

DOCDB simple family (application)

**EP 98121961 A 19981119**; DE 19803494 A 19980129; DE 59808811 T 19981119; US 23750599 A 19990126