

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; JP2003000616A; EP1251722A3; US10653494B2; US8430815B2; 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