

Title (en)

LIGHT SOURCE FOR INJECTING LIGHT INTO A HAND-HELD MEDICAL APPLIANCE

Title (de)

LICHTQUELLE ZUM EINKOPPELN VON LICHT IN EIN MEDIZINISCHES HANDGERAET

Title (fr)

SOURCE LUMINEUSE POUR INJECTER DE LA LUMIÈRE DANS UN INSTRUMENT MÉDICAL À MAIN

Publication

EP 2262409 A1 20101222 (DE)

Application

EP 09731527 A 20090331

Priority

- DE 2009000405 W 20090331
- DE 102008019313 A 20080416

Abstract (en)

[origin: WO2009127184A1] The invention relates to a light source for injecting light into a hand-held medical appliance (1), especially a hand-held surgical appliance, preferably for using in ophthalmology. Said light source is characterised by a hand-held/pocket lamp (2) provided with a light head (4) comprising an illuminant (5), and an optical wave guide (7) leading towards the hand-held appliance. The optical wave guide (7) can be connected to an adapter (6) associated with the light head (4).

IPC 8 full level

A61B 1/07 (2006.01); **F21L 4/02** (2006.01)

CPC (source: EP US)

A61B 1/0669 (2013.01 - EP US); **A61B 1/07** (2013.01 - EP US); **A61B 1/00126** (2013.01 - EP US); **A61B 3/0008** (2013.01 - EP US); **A61B 2090/306** (2016.02 - EP US)

Citation (search report)

See references of WO 2009127184A1

Citation (examination)

US 6432049 B1 20020813 - BANTA LINDA KAY [US], et al

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO SE SI SK TR

Designated extension state (EPC)

AL BA RS

DOCDB simple family (publication)

WO 2009127184 A1 20091022; DE 102008019313 A1 20091029; EP 2262409 A1 20101222; US 2011090679 A1 20110421; US 8556485 B2 20131015

DOCDB simple family (application)

DE 2009000405 W 20090331; DE 102008019313 A 20080416; EP 09731527 A 20090331; US 93786409 A 20090331