

Title (en)

Optical assembly and surgical illumination device

Title (de)

Optische Anordnung und Vorrichtung zur Beleuchtung von Operationsfeldern

Title (fr)

Ensemble optique et dispositif d'éclairage des champs d'opération

Publication

**EP 1526327 B1 20061129 (FR)**

Application

**EP 04292407 A 20041011**

Priority

FR 0312302 A 20031021

Abstract (en)

[origin: EP1526327A1] The assembly has a reflecting mirror (42) to reflect an incident light beam towards a focusing aperture (44) for focusing it onto an illumination plane (P). The mirror and the aperture are movable relative to a securing support. Two connection plates connect the aperture to the mirror so as to allow angular displacement of the mirror and aperture in a synchronous manner. An optical processed layer is arranged on the mirror. An independent claim is also included for a device for illuminating an illumination field.

IPC 8 full level

**F21S 8/00** (2006.01); **G02B 19/00** (2006.01); **F21S 2/00** (2006.01); **F21V 5/04** (2006.01); **F21V 13/12** (2006.01); **F21V 14/04** (2006.01); **F21V 14/06** (2006.01); **F21V 17/02** (2006.01); **F21V 21/30** (2006.01); **F21W 131/205** (2006.01); **F21Y 101/00** (2016.01)

CPC (source: EP US)

**F21V 14/04** (2013.01 - EP US); **F21V 14/06** (2013.01 - EP US); **F21W 2131/205** (2013.01 - EP US)

Cited by

EP2136128A1; BE1017369A3; EP1925878A1; BE1018445A3; US8292804B2

Designated contracting state (EPC)

DE FR GB IT

DOCDB simple family (publication)

**EP 1526327 A1 20050427**; **EP 1526327 B1 20061129**; CN 100504148 C 20090624; CN 1609508 A 20050427; DE 602004003452 D1 20070111; DE 602004003452 T2 20070920; FR 2861186 A1 20050422; FR 2861186 B1 20060203; JP 2005129530 A 20050519; JP 4235601 B2 20090311; US 2005083594 A1 20050421; US 7261429 B2 20070828

DOCDB simple family (application)

**EP 04292407 A 20041011**; CN 200410088198 A 20041021; DE 602004003452 T 20041011; FR 0312302 A 20031021; JP 2004306928 A 20041021; US 96918604 A 20041021