

Title (en)

IMPROVED METHODS AND APPARATUS FOR MULTI-PHOTON PHOTO-ACTIVATION AND DETECTION OF MOLECULAR AGENTS

Title (de)

VERBESSERTE VERFAHREN UND GERÄT ZUR MULTIPHOTON PHOTOAKTIVIERUNG UND ZUR BESTIMMUNG MOLEKULARER SUBSTANZEN

Title (fr)

PROCEDES ET APPAREIL AMELIORES POUR LA PHOTO-EXCITATION MULTIPHOTONIQUE ET LA DETECTION D'AGENTS MOLECULAIRES

Publication

**EP 1187555 A1 20020320 (EN)**

Application

**EP 00937691 A 20000523**

Priority

- US 0014169 W 20000523
- US 13588699 P 19990526
- US 56998200 A 20000510

Abstract (en)

[origin: WO0071028A1] A method and apparatus for diagnosis or imaging of a particular volume of material, including the steps of treating the particular volume of material with light sufficient to promote a multi-photon excitation of at least one photo-active agent contained on or within the particular volume of the material, wherein the at least one photo-active agent becomes active in the particular volume of the material, thereby resulting in the production of an optical signal, and wherein such optical signal is captured in electronic form for diagnosis or imaging of the particular volume of material.

IPC 1-7

**A61B 6/00**; **A61B 5/00**

IPC 8 full level

**G01N 21/64** (2006.01); **A61B 5/00** (2006.01); **A61B 10/00** (2006.01); **A61B 5/103** (2006.01)

CPC (source: EP)

**A61B 5/0059** (2013.01); **A61B 5/444** (2013.01); **A61B 5/0091** (2013.01)

Designated contracting state (EPC)

AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)

**WO 0071028 A1 20001130**; AR 024101 A1 20020904; AU 5283000 A 20001212; EP 1187555 A1 20020320; EP 1187555 A4 20041201; JP 2003500094 A 20030107; TW 487565 B 20020521

DOCDB simple family (application)

**US 0014169 W 20000523**; AR P000102550 A 20000524; AU 5283000 A 20000523; EP 00937691 A 20000523; JP 2000619344 A 20000523; TW 89110128 A 20000621