

Title (en)

SYSTEM FOR INTRODUCING OPTICAL TWEEZERS AND/OR A TREATMENT BEAM INTO A MICROSCOPE

Title (de)

ANORDNUNG ZUR EINKOPPLUNG EINER OPTISCHEN PINZETTE UND/ODER EINES BEARBEITUNGSSTRAHLES IN EIN MIKROSKOP

Title (fr)

SYSTEME POUR INTRODUIRE UNE PINCETTE OPTIQUE ET/OU INJECTER UN FAISCEAU DE TRAITEMENT DANS UN MICROSCOPE

Publication

**EP 1141761 A1 20011010 (DE)**

Application

**EP 00971409 A 20001102**

Priority

- DE 19954933 A 19991110
- EP 0010808 W 20001102

Abstract (en)

[origin: DE19954933A1] The invention relates to a system for introducing at least one beam (L3) of optical tweezers for capturing particles and/or a treatment beam (L2) into the beam path of a microscope, preferably in a laser scanning microscope (O, SC). The inventive system is provided with means (AS) for freely adjusting the position of the beam focus of the optical tweezers and/or the treatment beam so as to change the focal position of the microscope.

IPC 1-7

**G02B 21/00**; G01N 15/14; G02B 21/06; G02B 21/32; C12M 1/00

IPC 8 full level

**G02B 7/04** (2006.01); **G02B 21/00** (2006.01); **G02B 21/24** (2006.01); **G02B 21/32** (2006.01); **G21K 1/00** (2006.01)

CPC (source: EP US)

**G02B 21/002** (2013.01 - EP US)

Citation (search report)

See references of WO 0135150A1

Citation (examination)

- JP H10206742 A 19980807 - OLYMPUS OPTICAL CO
- US 6094300 A 20000725 - KASHIMA SHINGO [JP], et al

Designated contracting state (EPC)

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

DOCDB simple family (publication)

**DE 19954933 A1 20010517**; EP 1141761 A1 20011010; JP 2003514252 A 20030415; US 6850363 B1 20050201; WO 0135150 A1 20010517

DOCDB simple family (application)

**DE 19954933 A 19991110**; EP 0010808 W 20001102; EP 00971409 A 20001102; JP 2001536624 A 20001102; US 86995101 A 20011210