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TITLE

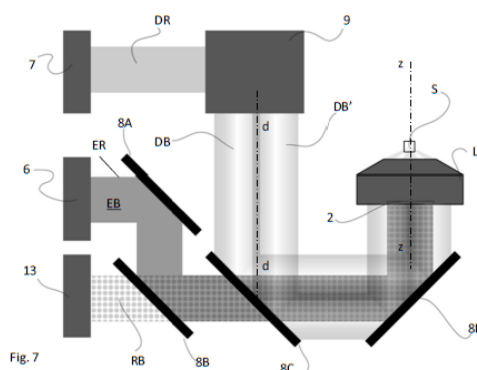
Biological Sample Illumination Method, Three-dimensional Depletion High Resolution Method and Corresponding Depletion Microscope

INVENTORS

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DESCRIPTION

The present invention relates to a three-dimensional high resolution depletion microscopy method, based on the principle of Reversible Linear Optical Fluorescence Transitions (or RESOLFT: Reversible Saturable Optical Linear Fluorescence Transitions) of the molecules of a biological sample and, more in particular, the present invention relates to a method of illumination of this biological sample. The present invention also relates to a respective microscope.



APPLICATIONS

STED microscopy

KEYWORDS

Fluorescence, microscopy, depletion beam, molecule, sample, STED

BIBLIOGRAPHIC DATA

Metodo Di Illuminazione Di Un Campione Biologico, Metodo Di Microscopia A Deplezione Ad Elevata Risoluzione Tridimensionale E Corrispondente Microscopio

Application Number IT 102016000014118

Priority Date November 30, 2017

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