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TITLE

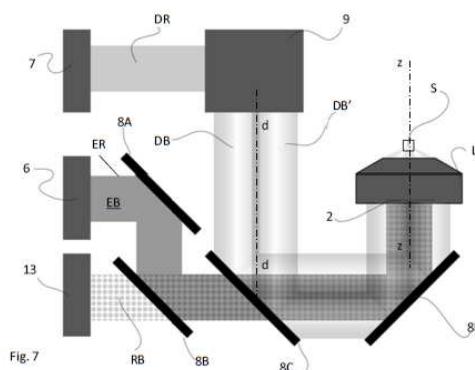
Biological Sample Illumination Method, Three-dimensional Depletion High Resolution Method and Corresponding Depletion Microscope

INVENTORS

Paolo BIANCHINI, Takahiro DEGUCHI, Alberto DIASPRO

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

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Applicants	Fondazione Istituto Italiano di Tecnologia

CONTACTS

Technology Transfer Office	Matteo Faccenda	Matteo.faccenda@iit.it
		+39 010 71781 968