

Title (en)
LENS FOR EVANESCENT WAVE ILLUMINATION AND CORRESPONDING MICROSCOPE

Title (de)
OBJEKTIV ZUR EVANESZENTEN BELEUCHTUNG UND MIKROSKOP

Title (fr)
OBJECTIF POUR ECLAIRAGE EVANESCENT ET MICROSCOPE

Publication
EP 1668395 A1 20060614 (DE)

Application
EP 04787201 A 20040923

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Abstract (en)
[origin: WO2005029150A1] The invention relates to a lens (1) for total internal reflection microscopy. The lens (1) is characterised in that a light source (5, 7) and/or at least one deviating means (31, 3) which deviates the light from a light source (5, 7) into the lens and/or the emitting end (35) of an illuminating optical fibre (37) is arranged in the region of the rear focal plane (3) of the lens (1).

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Citation (search report)
See references of WO 2005029150A1

Citation (examination)
OHEIM M.; STÜHMER W.: "Multiparameter Evanescent-Wave Imaging in Biological Fluorescence Microscopy", IEEE JOURNAL OF QUANTUM ELECTRONICS, vol. 38, no. 2, February 2002 (2002-02-01), pages 142 - 148, XP001104420

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