

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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IPC 8 full level  
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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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