

Title (en)

LIGHT SOURCE WITH A MICROSTRUCTURED OPTICAL ELEMENT AND MICROSCOPE WITH A LIGHT SOURCE

Title (de)

LICHTQUELLE MIT EINEM MIKROSTRUKTURIERTEN OPTISCHEN ELEMENT UND MIKROSKOP MIT LICHTQUELLE

Title (fr)

SOURCE LUMINEUSE POURVUE D'UN ELEMENT OPTIQUE MICROSTRUCTURE ET MICROSCOPE A SOURCE LUMINEUSE

Publication

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Application

EP 04766239 A 20040715

Priority

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- DE 10331906 A 20030715

Abstract (en)

[origin: WO2005006042A1] A light source with a microstructured optical element which spectrally diffuses the light from a primary source, comprises a lens which focusses the spectrally-diffused light to give an illumination light beam. The lens compensates for the varying divergences of the spectral components of the spectrally diffused light. The invention further relates to a microscope.

IPC 1-7

G02B 6/32; **G02B 21/00**

IPC 8 full level

G02B 6/42 (2006.01); **G02B 21/00** (2006.01)

CPC (source: EP US)

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Citation (search report)

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