

Title (en)
ENHANCING SURFACE-GENERATED FLUORESCENCE SIGNAL EMITTED BY A SAMPLE

Title (de)
VERSTÄRKUNG EINES VON EINER OBERFLÄCHENPROBE EMITTIERTEN FLUORESZENZSIGNALS

Title (fr)
AMPLIFICATION D'UN SIGNAL DE FLUORESCENCE EMIS PAR UN ECHANTILLON SURFACIQUE

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Application
EP 00985381 A 20001201

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Abstract (en)
[origin: WO0140778A1] The invention concerns the enhancement of surface-generated fluorescence emitted by a sample. The device (10) comprises a support (11) transmitting all or part of the fluorescence signal and designed to support the surface sample (13), a thin film (12) being inserted between the support (11) and the surface sample (13), the thin film having a refractive index higher than the refractive index of the support and than the refractive index of the medium wherein the surface sample is immersed during the measuring of fluorescence, the thickness of the thin film being selected so that the thin film (12) transmits all or part of the fluorescence signal which is measured after it has passed through the support (11).

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See references of WO 0140778A1

Citation (examination)
WO 0046590 A1 20000810 - BIOMETRIC IMAGING INC [US] & EP 1942333 A1 20080709 - BD BIOSCIENCES SYSTEMS AND REA [US]

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