

Title (en)

METHOD FOR IMPROVING DETECTION OF FLUORESCENCE SIGNALS DURING FLUORESCENCE RESONANCE ENERGY TRANSFER

Title (de)

VERFAHREN ZUR VERBESSERTEN DETEKTION VON FLUORESZENZSIGNALEN WÄHREND EINES FLUORESZENZRESONANZ-ENERGIETRANSFERS

Title (fr)

PROCEDE D'AMELIORATION DE LA DETECTION DES SIGNAUX DE FLUORESCENCE LORS D'UN TRANSFERT D'ENERGIE NON RADIATIF

Publication

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Application

EP 05783888 A 20050627

Priority

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- FR 0407087 A 20040628

Abstract (en)

[origin: WO2006010839A2] The invention concerns the use of the fluorescence polarization phenomenon to improve detection of fluorescent signals during a fluorescence resonance energy transfer (FRET). In particular, the invention concerns a method for improving signal/noise ratio in a FRET measurement. The invention also concerns an apparatus for measuring fluorescence following an energy transfer between a donor fluorescent compound and an acceptor fluorescence compound in a measurement medium.

IPC 8 full level

G01N 21/64 (2006.01)

CPC (source: EP US)

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Citation (search report)

See references of WO 2006010839A2

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US 2003228703 A1 20031211 - HOPPE ADAM D [US], et al

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