

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  
**EP 1766374 A2 20070328 (FR)**

Application  
**EP 05783888 A 20050627**

Priority

- FR 2005001618 W 20050627
- 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)

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**G01N 21/6428** (2013.01 - EP US); **G01N 21/6445** (2013.01 - EP US)

Citation (search report)  
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Citation (examination)  
US 2003228703 A1 20031211 - HOPPE ADAM D [US], et al

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