

Title (en)

NEW OPTICAL PROPERTY OF A FLUORESCENT TAG

Title (de)

NEUE OPTISCHE EIGENSCHAFT EINES FLUORESZENZETIKETTS

Title (fr)

NOUVELLE PROPRIETE OPTIQUE D'UN MARQUEUR FLUORESCENT

Publication

EP 3458843 A1 20190327 (FR)

Application

EP 17729005 A 20170517

Priority

- FR 1600792 A 20160518
- EP 2017000593 W 20170517

Abstract (en)

[origin: WO2017198334A1] The present invention relates to a process of detecting at least one molecule of interest in a sample, comprising the steps of: i) putting the sample in contact with a ligand that is specific to this molecule of interest and that is coupled with a fluorochrome consisting of phycoerythrin or one of its derivatives, ii) excitation of the mixture from step i) by at least one light source with a wavelength between 330 and 425 nm, iii) detecting an emission of light by the mixture following step ii) at a wavelength greater than or equal to 550 nm, and iv) determining whether the molecule of interest is present in the sample in view of the results of step iii).

IPC 8 full level

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CPC (source: EP US)

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Citation (search report)

See references of WO 2017198334A1

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