

Title (en)
METHOD FOR THE FABRICATION OF A BIOSENSOR ON A SEMICONDUCTOR SUBSTRATE

Title (de)
VERFAHREN ZUR HERSTELLUNG EINES BIOSENSORS AUF EINEM HALBLEITERSUBSTRAT

Title (fr)
PROCÈDE DE FABRICATION D'UN BIO CAPTEUR SUR SUBSTRAT DEMI- CONDUCTEUR

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Abstract (en)
[origin: WO2010004115A1] The invention relates to a pixel device (10) for biological analysis, comprising a photosensitive layer (20), a capture mixture (12) for capturing target proteins, arranged on an external surface of the photosensitive layer and comprising a probe protein (14) grafted to a hydrogel (16, 18), means for collecting photoelectrons in the photosensitive layer, and means for reading and processing an electrical quantity provided by the collecting means, in order to provide a value characteristic of a light intensity detected by the photosensitive layer.

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Citation (search report)
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