

Title (en)  
PIXEL DEVICE FOR BIOLOGICAL ANALYSIS, CMOS BIOSENSOR AND CORRESPONDING FABRICATION METHODS

Title (de)  
PIXELVORRICHTUNG FÜR DIE BIOLOGISCHE ANALYSE, CMOS-BIOSENSOR UND ENTSPRECHENDE HERSTELLUNGSVERFAHREN

Title (fr)  
DISPOSITIF D'ANALYSE BIOLOGIQUE DE TYPE PIXEL, BIOCAPTEUR CMOS ET PROCEDES DE FABRICATION CORRESPONDANTS

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Application  
**EP 09784225 A 20090624**

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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)  
See references of WO 2010004115A1

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