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TITLE

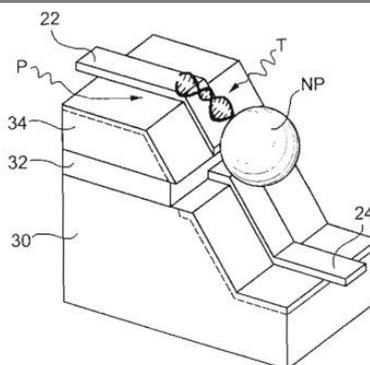
Electrical transduction device for the detection of biorecognition events

INVENTORS

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DESCRIPTION

The invention is a method and a device for the revelation of biorecognition events; it allows to perform quantitatively analyses in the presence of low levels of analyte and potentially also in the case of a single event of biorecognition. The disposable can be used for point-of-care applications, eventually disposable applications. The revelation process is based on interaction processes based on electrical transduction of the events.



APPLICATIONS

The invention can be used for biomedical applications, with particular reference to biomolecular interaction processes for genome/proteome analysis

KEYWORDS

Biological analysis, diagnostic, biorecognition

BIBLIOGRAPHIC DATA

Procedimento e dispositivo a trasduzione elettrica per la rivelazione di eventi di bio-riconoscimento in processi di interazione biomolecolare per analisi genomiche/ proteomiche

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