

Title (en)

FIELD EFFECT TRANSISTOR FOR MEASURING BIOCOMPONENTS

Title (de)

FELDEFFEKTTRANSISTOR FÜR MESSUNGEN AN BIOKOMPONENTEN

Title (fr)

TRANSISTOR A EFFET DE CHAMP POUR MESURES EFFECTUEES SUR DES BIOCONSTITUANTS

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Application

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Abstract (en)

[origin: WO2005085829A1] The invention relates to a device for measuring living cells or similar biocomponents comprising a field effect transistor (1) which is provided with a source, a drain and a channel area (4) placed on a substrate. Said channel area (4) connects said source and drain and is provided with a gate-electrode (8) mounted thereon. The gate electrode (8) has at least two laterally disposed parallel electrode areas (10) which are perpendicular to a direction in which the channel area (4) connects the source (3a) to the drain (3b) in such a way that they are distant and electrically insulated from each other.

IPC 8 full level

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