

Title (en)

MICROARRAY METHODS UTILIZING SEMICONDUCTOR NANOCRYSTALS

Title (de)

MICROARRAY METHODEN UNTER VERWENDUNG VON HALBLEITER NANOKRISTALLEN

Title (fr)

TECHNIQUES DE JEUX ORDONNES DE MICROECHANTILLONS UTILISANT DES NANOCRISTAUX SEMI-CONDUCTEURS

Publication

**EP 1255866 A4 20041222 (EN)**

Application

**EP 01910746 A 20010215**

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Abstract (en)

[origin: WO0161040A1] The present invention provides a number of different methods for conducting assays with different types of addressable arrays utilizing semiconductor nanocrystals to enhance detection. The invention includes methods utilizing semiconductor nanocrystals with nucleic acid, protein and tissue arrays, for example. By utilizing various useful aspects of semiconductor nanocrystals, the invention also provides a variety of different options for conducting multiplexed assays. Additionally, detection methods involving counting of individual complexes that include semiconductor nanocrystals are provided which can be utilized to expand the dynamic range of detection.

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CPC (source: EP)

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Citation (search report)

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- [XY] WO 9804740 A1 19980205 - UNIV NORTHWESTERN [US], et al
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- See references of WO 0161040A1

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