

Title (en)  
METHOD AND DEVICE FOR MICROSCOPIC DISPLAY WITH LOCAL PROBES OF A THREE-DIMENSIONAL OBJECT

Title (de)  
VERFAHREN UND EINRICHTUNG ZUR MIKROSKOPISCHEN ANZEIGE MIT LOKALEN SONDEN EINES DREIDIMENSIONALEN OBJEKTS

Title (fr)  
PROCEDE ET DISPOSITIF DE VISUALISATION MICROSCOPIQUE A SONDES LOCALES D UN OBJET TRIDIMENSIONNEL

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Application  
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Abstract (en)  
[origin: WO03060588A1] The invention concerns a method for microscopic display of a three-dimensional object wherein the sample (1) is displayed through an interferometer (2). Local probes (9) of nanometric dimensions are introduced in the sample (1). The invention also concerns a device for microscopic display of a three-dimensional object comprising an interferometer (2), a wide-spectrum source (5), a matrix sensor (6), means for forming the image of a thin edge of the object on the sensor through the interferometer (2), a unit for processing the image produced by the matrix sensor (6). The device comprises means for inserting local probes in the sample.

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