

Title (en)

READING/Writing TIP, HEAD AND DEVICE, AND USE THEREOF, AND METHOD FOR MAKING SAME

Title (de)

LESE-/SCHREIBSPITZE, KOPF UND EINRICHTUNG UND VERWENDUNG DAFÜR UND HERSTELLUNGSVERFAHREN DAFÜR

Title (fr)

POINTE, TETE ET DISPOSITIF DE LECTURE/ECRITURE, ET SON UTILISATION, ET PROCEDE DE FABRICATION D'UN TEL DISPOSITIF

Publication

**EP 1938335 A1 20080702 (FR)**

Application

**EP 06820155 A 20061005**

Priority

- FR 2006002243 W 20061005
- FR 0510793 A 20051021

Abstract (en)

[origin: WO2007045739A1] The invention concerns a reading/writing tip configured in the shape of a needle consisting of a core (3) of refractory material covered with a coating (9) of electrically conductive material, and having an outer microscope needle geometry by tunnel effect, to obtain an information concerning a surface (17a) through tunnel-effect microscopy. The needle (2) emits a charged particle from the layer (9) of electrically conductive material, to form the surface. The tip comprises a reservoir (11) capable of being liquefied to flow along the tip.

IPC 8 full level

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CPC (source: EP US)

**G11B 9/1409** (2013.01 - EP US); **G11B 9/149** (2013.01 - EP US); **B82Y 10/00** (2013.01 - EP US); **G01Q 80/00** (2013.01 - EP US)

Citation (search report)

See references of WO 2007045739A1

Citation (examination)

WO 9602065 A1 19960125 - CENTRE NAT RECH SCIENT [FR], et al

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