Title (en)

DISPLAY SCREEN COMPRISING A SOURCE OF ELECTRONS WITH MICROTIPS, CAPABLE OF BEING OBSERVED THROUGH THE MICROTIP SUPPORT, AND METHOD FOR MAKING THIS SOURCE

Title (de)

EIN DURCH EINEN MIKROSPITZEN-TRÄGER BEOBACHTBARES, MIT EINER MIKROSPITZEN-ELEKTRONENQUELLE VERSEHENES BILDSCHIRM UND VERFAHREN ZUR HERSTELLUNG DIESER QUELLE

Title (fr)

ECRAN D'AFFICHAGE COMPRENANT UNE SOURCE D'ELECTRONS A MICROPOINTES, OBSERVABLE A TRAVERS LE SUPPORT DES MICROPOINTES, ET PROCEDE DE FABRICATION DE CETTE SOURCE

Publication

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Application

EP 97950234 A 19971205

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Abstract (en)

[origin: FR2756969A1] The invention concerns a display screen comprising a source of electrons with microtips, capable of being observed through the microtip support, and the method for making this source. This screen comprises a cathodoluminescent anode (A), a transparent support (2), cathode conductors (5) formed on this support and meshed according to a first pattern comprising openings, a resistive layer (7) formed on this support, meshed according to a second pattern and comprising filled zones arranged in the openings of the first pattern, microtips (12) formed on these filled zones, grids (10g) meshed according to the second pattern and an unmeshed transparent insulating layer (8) extending above the cathode conductors and the resistive layer, between the latter and the grids.

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H01J 31/12; H01J 9/02

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