

Title (en)

PLANAR ELECTRONEBULIZATION SOURCES MODELED ON A CALLIGRAPHY PEN AND THE PRODUCTION THEREOF.

Title (de)

PLANARE ELEKTROSPRÜHQUELLEN AUF GRUNDLAGE EINER KALLIGRAPHIEFEDER UND HERSTELLUNG DAVON

Title (fr)

SOURCES D ELECTRONEBULISATION PLANAIRES SUR LE MODELE D'UNE PLUME DE CALLIGRAPHIE ET LEUR FABRICATION.

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Application

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Abstract (en)

[origin: US2007252083A1] The invention concerns an electrospray source having a structure comprising at least one flat and thin tip (3) in cantilever in relation to the rest (1) of the structure, the tip (3) being provided with a capillary slot (5) formed through the complete thickness of the tip and which ends up at the end (6) of the tip (3) to form an ejection orifice of the electrospray source, the source comprising means of supplying (4) the capillary slot (5) with liquid to be nebulised and means of applying an electrospray voltage to the liquid. The invention further concerns a method of manufacturing said electrospray source.

IPC 8 full level

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