

Title (en)

METHOD FOR THE PRODUCTION OF A MULTILAYER ELECTROSTATIC LENS ARRAY

Title (de)

VERFAHREN ZUM HERSTELLEN EINER MEHRSCICHTIGEN ELEKTROSTATISCHEN LINSENANORDNUNG

Title (fr)

PROCEDE DE FABRICATION D'UN ENSEMBLE LENTILLES ELECTROSTATIQUE A PLUSIEURS COUCHES

Publication

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Application

EP 06776643 A 20060805

Priority

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Abstract (en)

[origin: WO2007022862A2] The invention relates to a method for producing a multilayer electrostatic lens array comprising at least one lens electrode, particularly a method for producing a phase plate, as well as said lens array, said phase plate, and a transmission electron microscope encompassing said phase plate. The lens array or the phase plate is produced from a thin unsupported silicon nitride membrane that is mounted into a macroscopic chip while additional layers are deposited. The central bore and the aperture opening are milled out by means of an ion beam.

IPC 8 full level

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CPC (source: EP US)

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Citation (search report)

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