Title (en)

APPARATUS AND METHOD FOR ASSEMBLING ARRAYS OF FUNCTIONAL ELEMENTS TO SUBSTRATES

Title (de)

EINRICHTUNG UND VERFAHREN ZUR ZUZAMMENSETZUNG VON FUNKTIONSELEMENT-ARRAYS AUF SUBSTRATEN .

Title (fr)

APPAREIL ET PROCEDE D'ASSEMBLAGE DE RESEAUX D'ELEMENTS FONCTIONNELS SUR DES SUBSTRATS

Publication

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Application

EP 03753896 A 20031010

Priority

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Abstract (en)

[origin: WO2004034441A2] Method for handling microstructures, which comprises arranging them into one-dimensional, two-dimensional or three-dimensional arrays, and displacing them as such. The one-dimensional arrays are constituted by lines which may be straight or curved or constituted of different connected sections and the two-dimensional arrays are constituted by matrices. The microstructures may be liquid crystal display pixels; light-emitting diode display pixels; organic light emitting diode pixels; solar cell elements; electromagnetic signal detectors; plasma display pixels; integrated circuits. They can also be generated in wafers at regular distances from one another so as to form a matrix .The part itself could be shaped in the special form in order to fit the holes of a support or substrate to which they are to be connected.

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