

Title (en)
METHODS AND APPARATUS FOR THE MANUFACTURE OF MICROSTRUCTURES

Title (de)
VERFAHREN UND GERÄT ZUR HERSTELLUNG VON MIKROSTRUKTUREN

Title (fr)
PROCEDES ET APPAREIL DE FABRICATION DE MICROSTRUCTURES

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Abstract (en)
[origin: WO2006111766A2] A method of manufacturing microstructures is disclosed, the method comprising a applying a mask to substrate; forming a pattern in the mask; processing the substrate according to the pattern; and mechanically removing the mask from the substrate. A polymer mask is disclosed for manufacturing micro scale structure, the polymer mask comprising a thin, preferably ultra thin flexible film. A method of manufacturing an integrated circuit is disclosed, the method comprising forming a plurality of isolated semiconductor devices on a common substrate; and connecting some of the devices. Apparatus for manufacturing microstructures is disclosed comprising: a mechanism for coating a mass substrate to create a structure; a mechanism for removing a mask from the substrate; and processing apparatus. A thin film transistor is disclosed comprising drain source and gate electrodes, the drain and source electrode being separated by a semiconductor, and the gate electrode being separated from the semiconductor by an insulator, comprising a bandgap alignment layer disposed between a semiconductor and the insulator.

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