

Title (en)
DISPLAY WITH MICRO POCKETS

Title (de)
DISPLAY MIT MIKROPOCKETS

Title (fr)
DISPOSITIF D'AFFICHAGE A MICRO-POCHES

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Abstract (en)
[origin: WO03042753A1] The present invention relates to a thin display (15), and a method of manufacturing the same. The display (15) comprises an isolated substrate (80), with cavities (60) also called micro pockets in a pattern, or created with a separate sheet (55) with holes (60) mounted on the substrate (80). These micro pockets (60) will make the picture elements of the display (15). The display (15) further comprises perforated holes (70) in the centre of the micro pockets (60) and a conductive material (40, 50) covering the surfaces inside the micro pockets (60) and the perforated holes. An electro-optical material (30) fill the cavities (60), and a uniform layer of transparent conductive material (20) cover all the filled micro pockets (60). A top layer of a transparent substrate (10) cover the conductive layer (20).

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