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(54) **MICRO LIGHT-EMITTING DIODE DISPLAY DEVICE**

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(57) **ABSTRACT**

A micro light-emitting diode display device includes a display substrate, multiple pixels, and at least one color conversion layer. The pixels are disposed on the display substrate. Each of the pixels includes multiple sub-pixels. Each of the sub-pixels includes at least one micro light-emitting diode. The at least one color conversion layer is disposed on the pixels. The at least one color conversion layer is continuously disposed on at least a part of sub-pixels of different pixels along a same direction.

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