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(54) **ACTIVE MATRIX ORGANIC LIGHT  
EMITTING DIODE (AMOLED) DISPLAY  
PANEL AND A DRIVING CIRCUIT THEREOF**

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(57) **ABSTRACT**

An AMOLED display has a plurality of pixel driving units of voltage-driven design but applied with a driving current. The pixel driving unit has at least a displaying OLED and a driving transistor connected to a reference unit in parallel. The reference unit has a reference OLED and a reference transistor corresponding to the displaying OLED and the driving transistor in the pixel driving unit for defining a specific relationship between the values of the driving current passing through the pixel driving unit and a reference current passing through the reference unit.

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