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(54) PIXEL ARRANGEMENT STRUCTURE, DISPLAY PANEL AND METHOD FOR MANUFACTURING THE SAME

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ABSTRACT (57)

The present disclosure provides a pixel arrangement structure comprising repeating units composed of six pixels sequentially arranged in a first direction, wherein each pixel is composed of a first region and a second region arranged in a second direction, the first regions and the second regions of the six pixels are respectively aligned with each other in the first direction, wherein both the second regions of the first, third and fifth pixels and the first regions of the second, fourth and sixth pixels are composed of a first sub-region and a second sub-region arranged in the first direction, wherein each pixel comprises sub-pixels of three colors respectively arranged in one region and two sub-regions. In the first direction, adjacent pixels have adjacent sub-pixels of the same color. The present disclosure also provides a display panel comprising the pixel arrangement structure and a method for manufacturing the same.

