

Title (en)

Method for grayscale rendition in an AM-OLED

Title (de)

Verfahren zur Graustufenwiedergabe in einer Aktiv-Matrix-OLED-Anzeige

Title (fr)

Procédé de rendu d'échelle de gris dans un AM-OLED

Publication

EP 1914709 A1 20080423 (EN)

Application

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Priority

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Abstract (en)

The present invention relates to an apparatus for displaying an input picture of a sequence of input pictures during a video frame made up of N consecutive sub-frames, with $N \geq 2$, comprising - an active matrix (10) comprising a plurality of light emitting cells, - encoding means (30,40) for encoding the video data of each pixel of the input picture to be displayed and delivering N sub-frame data, each sub-frame data being displayed during a sub-frame, - a driving unit (50,11,12,13) for selecting row by row the cells of said active matrix (10) and converting, sub-frame by sub-frame, the sub-frame data delivered by said encoding means into signals to be applied to the selected cells of the matrix, According to the invention, at least one of the N sub-frame data generated for a pixel is different from the video data of said pixel.

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Citation (search report)

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