

Title (en)

ORGANIC, COLOURED, ELECTROLUMINESCENT DISPLAY AND THE PRODUCTION THEREOF

Title (de)

ORGANISCHES, FARBIGES, ELEKTROLUMINESZIERENDES DISPLAY UND DESSEN HERSTELLUNG

Title (fr)

DISPOSITIF D'AFFICHAGE ELECTROLUMINESCENT ORGANIQUE EN COULEUR ET SA PRODUCTION

Publication

**EP 1407638 A1 20040414 (DE)**

Application

**EP 02754348 A 20020711**

Priority

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Abstract (en)

[origin: WO03007664A1] The invention relates to an organic, coloured electroluminescent display with the following characteristics: a functional layer of electroluminescent polymers is positioned between two strip-type structured electrodes, running perpendicular to each other, said polymers being delimited by the window (10) of an insulating layer (5); the functional polymers define pixels of different colours R, G and B for a matrix; strip-type struts of at least one additional insulating layer (15 and 20 in the case of two layers), which structure one of the electrodes, separate pixels of the same colour from pixels of a different colour, whereby respective pixels of the same colour lie between two adjacent struts.

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