

Title (en)

IMAGE DISPLAY PANEL CONSISTING OF A MATRIX OF ELECTROLUMINESCENT CELLS WITH SHUNTED MEMORY EFFECT

Title (de)

BILDANZEIGETAFEL IN FORM EINER MATRIX VON ELEKTROLUMINESZENTEN ZELLEN MIT ÜBERBRÜCKUNG UND DURCH EIN LICHTEMPFLINDLICHES ELEMENT ERHALTENEM SPEICHEREFFEKT

Title (fr)

PANNEAU DE VISUALISATION D'IMAGE EN FORME D'UNE MATRICE DE CELLULES ELECTROLUMINESCENTES SHUNTEES ET AVEC EFFET MEMOIRE OBTENU PARMI UN ELEMENT PHOTOSENSIBLE

Publication

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Application

**EP 02805375 A 20021212**

Priority

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Abstract (en)

[origin: FR2833741A1] The invention concerns a display panel comprising: a front electrode array (18) and a rear electrode array (11); an electroluminescent layer (16) forming, for each cell, an electroluminescent element (E<SB>EL</SB>) connected to an electrode of the front array in A with, in parallel and in accordance with the invention, a shunt element (E<SB>S.EL</SB>); a photoconductive layer (12) forming, for each cell (1), a photoconductive element (E<SB>PC</SB>) connected to an electrode of the rear array (11) in B; means for optical coupling between the electroluminescent element (E<SB>EL</SB>) and the photoconductive element (E<SB>PC</SB>). The shunt of the invention substantially improves memory effect.

[origin: FR2833741A1] The display panel has a front (18) and back (11) network of electrodes, an organic electroluminescent layer (16) forming, for each cell, an electroluminescent element (EEL) connected to an electrode of the front network (A), with a parallel resistance (ERS). A photoconductive layer (12) forms, for each cell, a photoconductor element (EPC) connected to an electrode of the back network (B).

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IPC 8 full level

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