

Title (en)  
BACKSIDE-EMITTING OLED DEVICE

Title (de)  
RÜCKSEITENEMITTIERENDE OLED-VORRICHTUNG

Title (fr)  
DISPOSITIF OLED A EMISSION PAR L'ARRIERE

Publication  
**EP 2798685 A1 20141105 (FR)**

Application  
**EP 12821292 A 20121228**

Priority  
• FR 1162590 A 20111230  
• FR 2012053100 W 20121228

Abstract (en)  
[origin: WO2013098536A1] The invention relates to an OLED device (100) comprising a transparent anode having a given sheet resistance R1, a cathode (3) having a given sheet resistance R2, the ratio  $r = R2/R1$  varying between 0.1 and 5, a first suitable anode electrical contact, and a first cathode electrical contact (5a, 5d) which is offset in relation to the suitable anode electrical contact (41) at each point B1 of each suitable anode contact (41), defining a distance D1 between point B1 and the point C1 on the contact surface closest to point B1 and defining a distance L1 between point B1 and a point X1 on a second edge (22) of the active zone opposite the first edge (21) passing through C1, with the following criteria being defined: if  $0.1 \leq r < 1.75$ , then  $20\% < D1/L1$ ; if  $1.75 \leq r < 2.5$ , then  $20\% < D1/L1 < 90\%$ ; if  $2.5 \leq r < 3$ , then  $20\% < D1/L1 < 80\%$ ; or if  $3 \leq r \leq 5$ , then  $20\% < D1/L1 < 70\%$ , a reflector (6) covering the active zone (20).

IPC 8 full level  
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