

Title (en)
ELECTRO-OPTICAL DEVICE AND USE THEREOF

Title (de)
ELEKTROOPTISCHE VORRICHTUNG UND DEREN VERWENDUNG

Title (fr)
DISPOSITIF ÉLECTRO-OPTIQUE ET SON UTILISATION

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Abstract (en)
[origin: WO2015014437A1] The present invention relates to an electro-optical device comprising a) an anode, b) a cathode, c) at least one emitter layer, which is arranged between the anode and the cathode, containing at least one semi-conductive, organic material, and d) at least one intermediate layer, which is arranged between the at least one emitter layer and the anode, and which contains a polymer having hole-conducting structural units. The device is characterized in that the polymer having hole-conducting structural units additionally has structural units having electron-conducting properties. The devices according to the invention have significantly longer service lives compared to known devices.

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Citation (search report)
See references of WO 2015014437A1

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