

Title (en)
LIGHT-EMITTING DIODE

Title (de)
LICHT EMITTIERENDE DIODE

Title (fr)
DIODE LUMINESCENTE

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Application
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Abstract (en)
[origin: WO2005015654A1] The invention pertains to a light-emitting diode (LED) comprising layers of an anode, an acidic hole conducting-injecting material, a light-emitting polymer, and a cathode, characterized in that the hole conducting-injecting material comprises a poly(3,4-ethylenedioxythiophene poly(styrenesulfonate) (PEDOT), which is obtainable by at least partially neutralizing the PEDOT with an anion that is comprised or formed from a sodium or potassium compound, and the light-emitting material comprises a light-emitting p-arylenevinylene polymer (PAV). The invention further relates to a method for increasing the efficiency of said light-emitting diode.

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