

Title (en)

OPTO-ELECTRONIC DEVICES EXHIBITING ENHANCED EFFICIENCY

Title (de)

OPTOELEKTRONISCHE VORRICHTUNGEN MIT ERHÖHTER EFFIZIENZ

Title (fr)

DISPOSITIFS OPTO-ÉLECTRONIQUES PRÉSENTANT UNE MEILLEURE EFFICACITÉ

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Application

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Abstract (en)

[origin: WO2007111763A2] Described herein is an organic opto-electronic device comprising a cathode comprising at least one zero-valent metal; an anode; an opto-electronically active organic material; wherein said cathode is in contact with at least one organic ammonium salt. In certain embodiments, the organic ammonium salt has structure (I), wherein R¹-R⁴ are independently at each occurrence a C₁-C₂₀ aliphatic radical, a C₃-C₂₀ cycloaliphatic radical, or a C₃-C₂₀ aromatic radical is disclosed and wherein X⁻ is selected from the group consisting of monovalent inorganic anions, monovalent organic anions, polyvalent inorganic anions, polyvalent organic anions, and mixtures thereof.

IPC 8 full level

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