

Title (en)

TRANSITION METAL COMPLEXES AND USE THEREOF IN ORGANIC LIGHT-EMITTING DIODES

Title (de)

ÜBERGANGSMETALL-KOMPLEXE UND DEREN VERWENDUNG IN ORGANISCHEN LEUCHTDIODEN

Title (fr)

COMPLEXES DE MÉTAUX DE TRANSITION ET LEUR UTILISATION DANS DES DIODES ÉLECTROLUMINESCENTES ORGANIQUES

Publication

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Application

EP 09761703 A 20090609

Priority

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Abstract (en)

[origin: WO2009150140A1] Metal complexes comprising at least one polycyclic aromatic ligand bound to the central metal by way of one nitrogen atom and a carbon atom and at least one hetero atom selected from O and S, an organic light-emitting diode comprising at least one metal complex according to the invention, a light-emitting layer comprising at least one metal complex according to the invention, an organic light-emitting diode comprising at least one light-emitting layer according to the invention, use of the at least one metal complex according to the invention in organic light-emitting diodes and a device selected from the group consisting of stationary screens, such as computer or television screens, screens in printers, cooking devices and sandwich boards, illuminations, information boards and mobile screens such as screens in cell phones, laptops, digital cameras, vehicles and destination displays on busses and roads, said device comprising at least one organic light-emitting diode according to the invention.

IPC 8 full level

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