

Title (en)

ELECTRO-LUMINESCENT ARRANGEMENTS WITH METAL COMPLEXES THAT ARE BONDED TO FLUORESCENT DYES

Title (de)

ELEKTROLUMINESZIERENDE ANORDNUNGEN MIT METALLKOMPLEXEN MIT ANGEKNÜPFTEN FLUORESZENZFARBSTOFFEN

Title (fr)

ENSEMBLES ELECTROLUMINESCENTS COMPORTANT DES COMPLEXES METALLIQUES AUXQUELS SONT LIES DES COLORANTS FLUORESCENTS

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Application

EP 99944469 A 19990823

Priority

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Abstract (en)

[origin: DE19839948A1] An electro-luminescent arrangement comprising a substrate, an anode, an electro-luminescent element and a cathode, whereby at least one of the two electrodes is transparent in the visible spectral range and the electro-luminescent element contains one or several zones from the following group in the following order: a hole injection zone, a hole transportation zone, an electro-luminescent zone, an electron transportation zone and an electron injection zone. Each of the available zones can also handle tasks pertaining to the other zones thus indicated. The invention is characterized in that the electro-luminescent element contains a metal complex that is chemically bonded to a fluorescent dye.

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H01L 51/20; C09K 11/06

IPC 8 full level

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CPC (source: EP KR)

C08G 61/126 (2013.01 - EP); **C09K 11/06** (2013.01 - EP); **H05B 33/14** (2013.01 - EP); **H10K 50/11** (2023.02 - EP KR); **H10K 85/113** (2023.02 - KR); **C08G 61/126** (2013.01 - KR); **C08G 2261/3223** (2013.01 - KR); **C09K 11/06** (2013.01 - KR); **C09K 2211/18** (2013.01 - KR); **H05B 33/14** (2013.01 - KR)

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