

Title (en)  
ELECTROLUMINESCENT ARRANGEMENTS USING BLEND SYSTEMS

Title (de)  
ELEKTROLUMINESZIERENDE ANORDNUNGEN UNTER VERWENDUNG VON BLENDSYSTEMEN

Title (fr)  
SYSTEMES ELECTROLUMINESCENTS FONCTIONNANT A L'AIDE DE SYSTEMES DE MELANGES

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Application  
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Abstract (en)  
[origin: DE19627070A1] The invention concerns electroluminescent arrangements composed of a substrate, an anode, an electroluminescent element and a cathode, at least one of the two electrodes being transparent in the visible spectrum range. The electroluminescent electrode can contain the following components in sequence: an electroluminescent, hole-injecting, hole-transporting zone, an electron-transporting zone and an electron-injecting zone. The invention is characterized in that the hole-injecting and hole-transporting zone contains an optionally substituted tris-1,3,5-(aminophenyl) benzene compound A or a mixture thereof, and the electroluminescent element optionally contains a further functionalized compound selected from the group comprising hole-transporting materials, a luminescent material B and optionally electron-transporting materials. In addition to component A, the hole-injecting and hole-transporting zone can comprise one a plurality of further hole-transporting compounds. At least one zone is present, individual zones can be omitted and the zone (s) present can assume a plurality of functions.

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