

Title (en)
ELECTROLUMINESCENT SYSTEM

Title (de)
ELEKTROLUMINESZENZEINRICHTUNG

Title (fr)
SYSTEME D'ELECTROLUMINESCENCE

Publication
EP 1683395 A2 20060726 (DE)

Application
EP 04797219 A 20041102

Priority
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• CH 18902003 A 20031103

Abstract (en)
[origin: WO2005043961A2] The electroluminescent system comprises an electroluminescent device (1) having a first, two-dimensional electrode (2) made of a transparent material. A layer (3,4) made of luminescent dielectric is assigned to each of the large surfaces of said first electrode (2). Said luminescent layers (3,4) are transparent and are made of materials that can emit light with different wavelengths. An electrode (5, 6) is assigned to each large surface of the luminescent layers (3, 4) opposite the common electrode (2). A support layer (7) which is also made of transparent material is located on the front side of said electroluminescent device (1). A voltage source (11, 12) is connected between two successive electrodes (5, 2, 6).

IPC 8 full level
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CPC (source: EP KR US)
H05B 33/14 (2013.01 - KR); **H05B 33/26** (2013.01 - KR); **H05B 33/28** (2013.01 - KR); **H10K 50/125** (2023.02 - EP US); **H10K 50/805** (2023.02 - EP KR US); **H10K 59/17** (2023.02 - EP KR US); **H10K 71/841** (2023.02 - EP US); **H10K 2102/3031** (2023.02 - EP US)

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