

Title (en)

POLYCHROMATIC ELECTROLUMINESCENT ELEMENT AND METHOD FOR THE PRODUCTION THEREOF

Title (de)

MEHRFARB-ELEKTROLUMINESZENZ-ELEMENT UND VERFAHREN ZU DESSEN HERSTELLUNG

Title (fr)

ELEMENT ELECTROLUMINESCENT POLYCHROME ET PROCEDE DE FABRICATION ASSOCIE

Publication

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Application

**EP 04763573 A 20040728**

Priority

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- DE 10338502 A 20030821

Abstract (en)

[origin: WO2005022960A1] The invention relates to an electroluminescent film (1) providing a particularly advantageous compromise between the safe functioning and simplified production thereof. The inventive polychromatic electroluminescent element consists of three similar electroluminescent films (1, 2, 3) which contain dispersed electroluminophors and whose colours are not different from each other. The different colours are obtainable by an additional colour mixture by means of a separate electric excitation of each electroluminescent film (1, 2, 3). Each of said films (1) essentially comprises a support (51) made of PET or other plastic material on which an electrode layer (21) is vapour-deposited or cathode-sputtered, a luminous layer (11) on which a rear transparent electrode (31) is placed by serigraphy and laminated by means of an insulating foil (91).

IPC 8 full level

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