

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

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Abstract (en)
[origin: US2006255717A1] The invention relates to an electroluminescent film providing a particularly advantageous compromise between the safe functioning and simplified production thereof. The inventive polychromatic electroluminescent element consists of three similar electroluminescent films which contain dispersed electroluminophors and whose colors are not different from each other. The different colors are obtainable by an additional color mixture by means of a separate electric excitation of each electroluminescent film. Each of the films essentially comprises a support made of PET or other plastic material on which an electrode layer is vapour-deposited or cathode-sputtered, a luminous layer on which a rear transparent electrode is placed by serigraphy and laminated by means of an insulating foil.

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