

Title (en)
METHOD FOR PROCESSING AN ELECTROLUMINESCENT ELEMENT AND ELECTROLUMINESCENT ELEMENT PROCESSED BY SAID METHOD

Title (de)
VERFAHREN ZUM BEARBEITEN EINES ELEKTROLUMINESZIERENDEN ELEMENTS UND NACH DIESEM VERFAHREN BEARBEITETES ELEKTROLUMINESZIERENDES ELEMENT

Title (fr)
PROCEDE DE TRAITEMENT D'UN ELEMENT ELECTROLUMINESCENT ET ELEMENT ELECTROLUMINESCENT TRAITE SELON CE PROCEDE

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Abstract (en)
[origin: WO2004100616A1] The invention relates to a method for processing an electroluminescent element (1), using a laser beam to influence illuminating properties of the electroluminescent element, which is made from a composite, comprising the following layers connected to each other, at least one frontal external cover (11, 12), at least one electrically-conducting transparent frontal electrode layer (5), at least one illumination layer (2) with an inorganic luminophore embedded in a polymer matrix, at least one electrically-conducting back electrode layer (6) and at least one back external cover (10). According to the invention, the illumination properties of the electroluminescent elements may be influenced, whereby the laser beam is directed through at least one of the external covers (10, 11, 12) onto at least one of the electrode layers (5, 6) and the intensity, wavelength and pulse duration are selected such that the at least one external cover (10, 11, 12) remains undamaged and at least one of the electrodes (5, 6) is locally ablated.

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