

Title (en)

COATING FOR AN OPTOELECTRONIC COMPONENT, METHOD FOR PRODUCING SUCH A COATING, AND OPTOELECTRONIC COMPONENT COMPRISING SUCH A COATING

Title (de)

BESCHICHTUNG FÜR EIN OPTOELEKTRONISCHES BAUELEMENT, VERFAHREN ZUR HERSTELLUNG EINER SOLCHEN BESCHICHTUNG, OPTOELEKTRONISCHES BAUELEMENT MIT EINER SOLCHEN BESCHICHTUNG

Title (fr)

REVÊTEMENT POUR COMPOSANT OPTOÉLECTRONIQUE, PROCÉDÉ DE FABRICATION D'UN TEL REVÊTEMENT ET COMPOSANT OPTOÉLECTRONIQUE COMPRENANT UN TEL REVÊTEMENT

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Application

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Abstract (en)

[origin: WO2022048699A1] The invention relates to a coating (10) for smoothing and stabilizing a laser-structured surface (11) of an optoelectronic component (100). The optoelectronic component (100) has a layer system (7), which comprises a first electrode (2), a second electrode (6), and at least one photoactive layer (4), wherein the at least one photoactive layer (4) is at least partly arranged between the electrodes (2, 6), and the layer system (7) is laser-structured. The coating (10) has a polythiol matrix, and the polythiol matrix is made of at least one first monomer and a second monomer by means of polymerization. The first monomer is a polyfunctional thiol with at least three thiol groups, and the second monomer is a polyfunctional alkene with at least two C-C double bonds. The coating (10) is arranged on the optoelectronic component (100) and is at least partly in direct contact with the layer system (7) and/or in diffusion contact with the layer system (7) for at least the first monomer and/or the second monomer.

CPC (source: EP KR US)

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Citation (search report)

See references of WO 2022048699A1

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