

Title (en)  
FUNCTIONAL ELEMENT HAVING ELECTRICALLY CONTROLLABLE OPTICAL PROPERTIES

Title (de)  
FUNKTIONSELEMENT MIT ELEKTRISCH STEUERBAREN OPTISCHEN EIGENSCHAFTEN

Title (fr)  
ÉLÉMENT FONCTIONNEL DOTÉ DE PROPRIÉTÉS OPTIQUES POUVANT ÊTRE COMMANDÉES ÉLECTRIQUEMENT

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Application  
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Abstract (en)  
[origin: WO2021209474A1] The present invention relates to a functional element (5) having electrically controllable optical properties, having a plurality of side edges (4.1, 4.2, 4.3, 4.4), and at least comprising a stacking order consisting of a first carrier film (14), a first planar electrode (12) which is divided into at least two segments (17) by means of at least one isolation line (16), an active layer (11), a second planar electrode (13), and a second carrier film (15), wherein, on a first side edge (4.1) in a first region, the second carrier film (15), the second planar electrode (13) and the active layer (11) have a first offset (20) and, in a second region, the first carrier film (14), the first planar electrode (12) and the active layer (11) have a second offset (21), a group of first busbars (18) electrically conductively contacts the first planar electrode (12) and each segment (17) of the first planar electrode (12) is electrically conductively contacted by a busbar from the group of the first busbars (12), at least a second busbar (19) electrically conductively contacts the second planar electrode (13), the first busbars (18), in a through-view, are situated in the region of the first offset (20) on the first planar electrode (12) so as to be adjacent to one another in a row, wherein the first busbars (18) are electrically isolated from one another by the at least one isolation line (16), and the at least one second busbar (19), in a through-view, is situated in the region of the second offset (21) on the second planar electrode (13).

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