

Title (en)

METHOD FOR PRODUCING A SEMI-TRANSPARENT MOTOR-VEHICLE DESIGN ELEMENT

Title (de)

VERFAHREN ZUM HERSTELLEN EINES SEMITRANSPARENTEN KRAFTFAHRZEUGDESIGNELEMENTS

Title (fr)

PROCÉDÉ DE PRODUCTION D'UN ÉLÉMENT DE CONCEPTION DE VÉHICULE AUTOMOBILE SEMI-TRANSPARENT

Publication

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Application

EP 20764399 A 20200903

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Abstract (en)

[origin: WO2021043922A1] The invention relates to a method for producing a semi-transparent motor-vehicle design element (3), comprising the following steps: A using a dimensionally stable, at least partially light-transmissive substrate (1), which is heat-resistant to a temperature at a level of at least 60°C, wherein the substrate (1) has a front side (1a) and a rear side (1b), B introducing the substrate (1) into a vacuum chamber (2) and, by means of a PVD process, applying a first metallic semi-transparent layer (L1) to the substrate (1) which, according to step a), is in the vacuum chamber (2), and C applying a light-non-transmissive outer layer (LD) to the front or rear side (1a, 1b) of the substrate (1), wherein the light-non-transmissive outer layer (LD) contains at least one light-transmissive opening (8) for producing an image of at least one graphic symbol (SYM), wherein steps B and C are performed in such a way that light (LSQ) passing from the rear side (1b) in the direction of the front side (1a) of the substrate (1) through the at least one opening (8) in the light-non-transmissive outer layer (LD) is incident on the first metallic semi-transparent layer (L1) to project the at least one graphic symbol (SYM) represented by the at least one opening (8), and at least partially penetrates through the first metallic semi-transparent layer (L1) to the outside.

IPC 8 full level

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