Title (en)

LAMINATED GLAZING WITH ELECTRICALLY CONTROLLABLE OPTICAL PROPERTIES FOR A VEHICLE EQUIPPED WITH A SEMITRANSPARENT REFLECTIVE PRINTED INSCRIPTION ON THE EXTERIOR FACE OF A VEHICLE

Title (de)

VERBUNDGLASSCHEIBE MIT ELEKTRISCH STEUERBAREN OPTISCHEN EIGENSCHAFTEN FÜR EIN FAHRZEUG MIT EINER SEMITRANSPARENTEN REFLEKTIERENDEN BESCHRIFTUNG AUF DER AUSSENFLÄCHE EINES FAHRZEUGS

Title (fr)

VITRAGE FEUILLETÉ AVEC PROPRIÉTÉS OPTIQUES CONTRÔLABLES ÉLECTRIQUEMENT POUR VÉHICULE MUNI D'UNE INSCRIPTION IMPRIMÉE RÉFLÉCHISSANTE SEMI-TRANSPARENTE SUR LA FACE EXTÉRIEURE D'UN VÉHICULE

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Application

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Abstract (en)

[origin: WO2022117955A1] The present invention relates to laminated glazing for a vehicle equipped with an inscription comprising an interior sheet of glass (1) and an exterior sheet of glass (2), each sheet comprising an interior face and an exterior face, and comprising, between the interior faces of the two sheets of glass, an interlayer (3) comprising at least two external layers (3a) and (3b) of a material selected from poly(vinyl byutyral) (PVB) poly(ethylene vinyl acetate) (EVA) and polyurethane (PU) and mixtures thereof, the external layers being assembled by means of a polymer-dispersed liquid crystal functional element (4), the functional element (4) comprising a liquid crystal active layer (5) between two electrically conducting layers (6, 7) themselves positioned between two support films (8, 9), the glazing being characterized in that the inscription (10) is made up of a semitransparent reflective layer and the inscription is printed on the exterior face (F1) of the exterior sheet of glass (2). The present invention also relates to a rear window, a side window, or a sunroof window of a vehicle comprising laminated glazing as described above and to the use of such laminated glazing as a rear window, side window or sunroof window of a motor vehicle. The present invention also relates to a method for manufacturing laminated glazing for a vehicle having electrically controllable optical properties.

IPC 8 full level

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