

Title (en)

LIGHT-TRANSMITTING ARTIFICIAL LEATHER, PREPARATION METHOD THEREFOR, AND AUTOMOBILE INTERIOR

Title (de)

LICHTTRANSMITTIERENDES KUNSTLEDER, VORBEREITUNGSVERFAHREN UND AUTOMOBILINNENAUSSTATTUNG

Title (fr)

CUIR ARTIFICIEL TRANSMETTANT LA LUMIÈRE, PROCÉDÉ DE PRÉPARATION ASSOCIÉ ET INTÉRIEUR D'AUTOMOBILE

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Application

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Abstract (en)

The invention is a light-transparent artificial leather and a method (preparation method) of producing said light-transparent artificial leather, and an automotive interior incorporating said light-transparent artificial leather. The preparation method comprises the steps of: mixing, stirring, grinding, filtering and defoaming primary raw materials, including toner with a particle size of 0.5~10nm, polymer powder and a plasticizer, to produce a light-transparent pigment; mixing the light-transparent pigment with secondary raw materials, including polymer powder, a plasticizer, a stabilizer and an inorganic additive, and stirring, grinding, filtering and defoaming the mixture to produce a light-transparent epidermal layer material; mixing a base fabric, glue and a support layer material with the light-transparent epidermal layer material and making the mixture into a semi-finished artificial leather product which comprises a light-transparent epidermal layer, a support layer, a glue layer and a base fabric, which are arranged in an applicable order; applying a surface treating agent on to the surface of the light-transparent epidermal layer to produce a light-transparent artificial leather. In the embodiments of the invention, the toner in the light-transparent epidermal layer material is a type of Nanosized toner, which has a lower blocking effect on light, with the result that the prepared artificial leather, being the lit-transparent artificial leather, has satisfactory transmittance.

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