

Title (en)

FILM CONTAINING TRANSPARENT METAL OXIDE, METHOD FOR THE PRODUCTION THEREOF, AND USE THEREOF

Title (de)

FOLIE, ENTHALTEND TRANSPARENTES METALLOXID, VERFAHREN ZU IHRER HERSTELLUNG UND IHRE VERWENDUNG

Title (fr)

FEUILLE CONTENANT DE L'OXYDE METALLIQUE TRANSPARENT, PROCEDE DE PRODUCTION ET UTILISATION DE CETTE FEUILLE

Publication

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Application

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Abstract (en)

[origin: WO2006000326A1] The invention relates to a single-layer or multilayer, oriented film made of a thermoplastic polymer which contains at least one nanoparticulate metal oxide as an IR active component that is used for IR shielding, said metal oxide being largely transparent in the visible range. Also disclosed are a method for producing said film and the use thereof as an insulating material, e.g. in window applications and as a shield for all sorts of electrical components. The invention further relates to a method for producing the raw material containing the nanoparticulate transparent metal oxide.

IPC 8 full level

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