

Title (en)

LOW EMISSIVITY ARTICLE WITH LOW-E FLUOROPOLYMER LAYER

Title (de)

NIEDRIGEMISSIVITÄTARTIKEL MIT EINER NIEDRIGEMISSIVITÄT-FLUOROPOLYMERLAGE

Title (fr)

ARTICLE A FAIBLE POUVOIR EMISSIF DOTE D'UNE COUCHE DE FLUOROPOLYMERE A FAIBLE POUVOIR EMISSIF

Publication

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Application

EP 01957498 A 20010808

Priority

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- US 0124862 W 20010808

Abstract (en)

[origin: WO0218133A2] The invention provides a layer of fluoropolymer having dispersed therein infrared absorbing particles as a low emissivity layer to reduce the amount of cooling or heating required to maintain a desired temperature for an interior space. The invention also provides a low emittance article comprising a substrate having on at least one major surface thereof at least two layers, the outermost layer of which comprises a fluoropolymer and IR-absorbing particles in the form of flakes distributed in the outermost layer. The invention further provides a composition for producing a low emissivity coating, the composition comprising a dispersion of a fluoropolymer and IR-absorbing particles in the form of flakes.

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IPC 8 full level

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