

Title (en)
HEAT-ABSORBING LAYER SYSTEM

Title (de)
WÄRMEABSORBIERENDES SCHICHTSYSTEM

Title (fr)
SYSTEME STRATIFIE ABSORBANT LA CHALEUR

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Application
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Abstract (en)
[origin: US2003039821A1] A transparent heat-absorbent multi-layer structure comprising, (A) a first layer, and (B) a second layer is described. The first layer (A) contains at least one organic infrared absorber (e.g., a phthalocyanine) and at least one ultraviolet absorber (e.g., a benzotriazole), and the second layer (B) contains at least one ultraviolet absorber and is substantially free of organic infrared absorbers. The first layer (A) is the only layer in the multi-layer structure that contains an organic infrared absorber. Also described is a method of preparing the multi-layer structure. Molded articles that may comprise the multi-layer structure of the present invention include glazings, such as automotive glazings.

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US 2003039821 A1 20030227; **US 6893689 B2 20050517**; BR 0208740 A 20040720; CA 2443706 A1 20021024; CN 100374293 C 20080312; CN 1501861 A 20040602; DE 10117785 A1 20021017; EP 1379381 A1 20040114; IL 158253 A0 20040512; JP 2004529007 A 20040924; KR 20030090722 A 20031128; MX PA03009192 A 20040217; WO 02083412 A1 20021024; ZA 200307815 B 20041007

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