

METHOD FOR PRODUCING TEXTURED THERMOPLASTIC FILM

ABSTRACT OF THE DISCLOSURE

A method for producing an abrasion-resistant, ultraviolet radiation cured coating on a surface of a polymeric substrate is disclosed. The uncured coating material is substantially free of non-reactive volatile components. The method involves the steps of: producing a one-side textured, and one-side polished polycarbonate film, applying a curable coating to the textured side of said film, and curing the coating to form a smooth surface. The coated film has low birefringence, and high light transmission because the indices of refraction of the coating and substrate are matched.

Figure 1

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