

Title (en)

POLYESTER FILM INCORPORATING SILICONE FOR RELEASE OF CANNED MEAT PRODUCTS

Title (de)

POLYESTERFOLIE MIT SILIKON ZUR FREISETZUNG VON KONSERVENFLEISCHPRODUKTEN

Title (fr)

FILM DE POLYESTER COMPRENANT DE LA SILICONE POUR LA DÉLIVRANCE DE PRODUITS CARNÉS EN CONSERVE

Publication

EP 3658611 A1 20200603 (EN)

Application

EP 18758783 A 20180726

Priority

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- US 2018043801 W 20180726

Abstract (en)

[origin: WO2019023411A1] Embodiments herein relates to a Bisphenol A-free multi-layer biaxially oriented polyester (BOPET) film. The BOPET film has a release layer, which aids in the release of food. The BOPET film can be laminated to metals used in the manufacture of food containers with the outer release layer being exposed to allow a direct food contact between the surface of the outer release layer and food. More particularly, the invention relates to a novel outer release layer resin composition comprising an ultra-high molecular weight siloxane polymer and a polyethylene terephthalate resin; and an alkali-metal phosphate and a phosphoric acid compound added, during polymerization of the outer release layer resin composition, as a catalyst/additive package to the ingredients forming the outer release layer resin composition. A wax component is added in the outer release layer, for more robust release performance.

IPC 8 full level

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CPC (source: EP KR)

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