

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 LE DÉGAGEMENT DE PRODUITS DE VIANDE EN CONSERVE

Publication

EP 3423517 A1 20190109 (EN)

Application

EP 17712546 A 20170228

Priority

- US 201615057100 A 20160229
- IB 2017051182 W 20170228

Abstract (en)

[origin: WO2017149464A1] Butylene terephthalate-containing polyester multi-layer film, such as a biaxially oriented polyester (BOPET) film, for lamination on metal sheets, which could be used for food containers. The polyester film has an outer release layer, which aids in the release of food, such as a high protein food source, when food is cooked and sterilized in direct contact with the outer release layer. The polyester 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. The outer release layer comprises an ultra high molecular weight siloxane polymer, a polyethylene terephthalate resin, an alkali-metal phosphate and a phosphoric acid.

IPC 8 full level

C08J 5/18 (2006.01); **B32B 15/09** (2006.01); **B32B 27/08** (2006.01); **B32B 27/36** (2006.01)

CPC (source: EP KR)

B32B 15/09 (2013.01 - EP KR); **B32B 15/18** (2013.01 - EP); **B32B 15/20** (2013.01 - EP); **B32B 27/08** (2013.01 - EP); **B32B 27/18** (2013.01 - KR); **B32B 27/20** (2013.01 - EP); **B32B 27/283** (2013.01 - EP KR); **B32B 27/36** (2013.01 - EP KR); **C08G 63/183** (2013.01 - KR); **C08J 5/18** (2013.01 - EP KR); **C08L 67/02** (2013.01 - KR); **B32B 2250/02** (2013.01 - EP); **B32B 2250/03** (2013.01 - EP); **B32B 2250/24** (2013.01 - EP); **B32B 2255/06** (2013.01 - EP); **B32B 2255/205** (2013.01 - EP); **B32B 2264/02** (2013.01 - EP); **B32B 2264/10** (2013.01 - EP); **B32B 2264/102** (2013.01 - EP); **B32B 2270/00** (2013.01 - EP KR); **B32B 2307/306** (2013.01 - EP); **B32B 2307/308** (2013.01 - EP); **B32B 2307/31** (2013.01 - EP KR); **B32B 2307/518** (2013.01 - EP); **B32B 2307/734** (2013.01 - EP); **B32B 2307/748** (2013.01 - EP); **B32B 2307/752** (2013.01 - EP); **B32B 2439/66** (2013.01 - EP); **B32B 2439/70** (2013.01 - EP KR); **C08J 2367/02** (2013.01 - EP KR)

Citation (search report)

See references of WO 2017149464A1

Designated contracting state (EPC)

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Designated extension state (EPC)

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DOCDB simple family (application)

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