

Title (en)

HEAT SEALABLE MONOAXIALLY ORIENTED PROPYLENE-BASED FILM WITH DIRECTIONAL TEAR

Title (de)

WÄRMEVERSIEGELBARE MONOAXIAL AUSGERICHTETE FOLIE AUF PROPYLENBASIS MIT DIREKTIONALEM ABRIS

Title (fr)

FILM À BASE DE PROPYLÈNE À ORIENTATION MONOAXIALE, THERMOSCELLABLE, AYANT UNE DÉCHIRURE DIRECTIONNELLE

Publication

**EP 2855149 A4 20160406 (EN)**

Application

**EP 12877656 A 20120530**

Priority

US 2012040024 W 20120530

Abstract (en)

[origin: WO2013180710A1] A monoaxially oriented film including an ethylene-propylene impact copolymer and 3-15 wt% of a metallocene-catalyzed propyl ene-butene elastomer and 30-60 wt% of a crystalline propylene homopolymer which is oriented at least 3 times in the machine direction and exhibits excellent linear directional tear properties in the machine direction for retort pouch applications and has excellent heat seal performance both pre- and post-retorting. This film formulation and orientation is suitable for pouch applications requiring an "easy-tear" linear tear feature and excellent hermetic seal properties, particularly for retort pouches.

IPC 8 full level

**B32B 25/14** (2006.01); **B32B 27/08** (2006.01); **B32B 27/16** (2006.01); **B32B 27/32** (2006.01); **B32B 27/34** (2006.01); **C08J 5/18** (2006.01)

CPC (source: EP)

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Citation (search report)

- [XYI] US 2012094042 A1 20120419 - LEE MARK S [US], et al
- [Y] US 2012028058 A1 20120202 - PAOLILLI TRACY A [US], et al
- See references of WO 2013180710A1

Designated contracting state (EPC)

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DOCDB simple family (publication)

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DOCDB simple family (application)

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