

Title (en)

CLEAR, TRANSPARENT, MULTI-LAYER ANTI-FOG FILM

Title (de)

KLARE TRANSPARENTE ANTIFOG-MEHRSCHICHT-FOLIE

Title (fr)

FEUILLE MULTICOUCHES ANTIBUÉE TRANSPARENTE CLAIRE

Publication

EP 2588307 A1 20130508 (DE)

Application

EP 11746431 A 20110411

Priority

- DE 202010007972 U 20100702
- DE 2011075071 W 20110411

Abstract (en)

[origin: CA2803664A1] The invention relates to a clear, transparent, multi-layer anti-fog film with improved resistance to delamination and with good retention of function, which comprises at least one polyolefin sealing layer (10) comprising anti-fog additive, and also comprises an anti-fog-agent barrier layer (20) and an outer layer (40).

IPC 8 full level

B32B 7/02 (2006.01); **B32B 27/18** (2006.01); **B32B 27/32** (2006.01); **B65D 65/42** (2006.01)

CPC (source: EP US)

B32B 27/18 (2013.01 - EP US); **B32B 27/30** (2013.01 - EP US); **B32B 27/32** (2013.01 - EP US); **B65D 65/40** (2013.01 - EP US); **B65D 65/42** (2013.01 - EP US); **Y10T 428/31924** (2015.04 - EP US)

Citation (search report)

See references of WO 2012037931A1

Citation (examination)

- DE 102004055323 A1 20060518 - CFS KEMPTEN GMBH [DE]
- DE 10018049 A1 20011025 - WOLFF WALSRÖDE [DE]

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)

DE 202010007972 U1 20101209; CA 2803664 A1 20120329; CA 2803664 C 20180710; EA 201370010 A1 20130628; EP 2588307 A1 20130508; US 2013164551 A1 20130627; WO 2012037931 A1 20120329; ZA 201209660 B 20130828

DOCDB simple family (application)

DE 202010007972 U 20100702; CA 2803664 A 20110411; DE 2011075071 W 20110411; EA 201370010 A 20110411; EP 11746431 A 20110411; US 201113808005 A 20110411; ZA 201209660 A 20121219