

Title (en)

DRAWN MULTILAYER FILM HAVING HIGH TEMPERATURE RESISTANCE AND PROCESS FOR PREPARING SAME

Title (de)

VERSTRECKTE MEHRSCHICHTFOLIE MIT HOHER TEMPERATURBESTÄNDIGKEIT UND VERFAHREN ZU IHRER HERSTELLUNG

Title (fr)

FILM MULTICOUCHE ÉTIRÉ PRÉSENTANT UNE HAUTE RÉSISTANCE À LA TEMPÉRATURE ET SON PROCÉDÉ DE PRÉPARATION

Publication

**EP 4210941 A1 20230719 (FR)**

Application

**EP 21773611 A 20210909**

Priority

- FR 2009170 A 20200910
- EP 2021074860 W 20210909

Abstract (en)

[origin: WO2022053581A1] The present invention relates to a multilayer film 1, comprising: - an external layer 2 comprising ethylene-polyvinyl alcohol (EVOH), - a binder layer 3, - a layer comprising polyethylene (PE) 4, characterized in that the binder layer 3 is inserted between the external layer 2 comprising ethylene-polyvinyl alcohol (EVOH) and the layer comprising polyethylene (PE) 4. The present invention also relates to a drawn film obtained after drawing the multilayer film according to the invention. The films according to the invention have greater heat resistance than those of the prior art. The present invention also relates to a film comprising the drawn film according to the invention, characterized in that it comprises less than 10% by weight of EVOH and even more preferentially less than 5% by weight of EVOH.

IPC 8 full level

**B32B 7/12** (2006.01); **B32B 27/08** (2006.01); **B32B 27/16** (2006.01); **B32B 27/30** (2006.01); **B32B 27/32** (2006.01)

CPC (source: EP)

**B29C 65/18** (2013.01); **B29C 66/0042** (2013.01); **B29C 66/41** (2013.01); **B29C 66/71** (2013.01); **B29C 66/723** (2013.01); **B29C 66/919** (2013.01); **B29C 66/929** (2013.01); **B29C 66/949** (2013.01); **B32B 7/12** (2013.01); **B32B 27/08** (2013.01); **B32B 27/16** (2013.01); **B32B 27/306** (2013.01); **B32B 27/32** (2013.01); **B32B 2250/03** (2013.01); **B32B 2250/05** (2013.01); **B32B 2250/246** (2013.01); **B32B 2250/40** (2013.01); **B32B 2255/10** (2013.01); **B32B 2307/308** (2013.01); **B32B 2307/516** (2013.01); **B32B 2307/518** (2013.01); **B32B 2307/54** (2013.01); **B32B 2307/72** (2013.01); **B32B 2307/7244** (2013.01); **B32B 2307/7246** (2013.01); **B32B 2307/732** (2013.01); **B32B 2553/00** (2013.01)

Citation (search report)

See references of WO 2022053581A1

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

Designated extension state (EPC)

BA ME

Designated validation state (EPC)

KH MA MD TN

DOCDB simple family (publication)

**FR 3113859 A1 20220311**; EP 4210941 A1 20230719; WO 2022053581 A1 20220317

DOCDB simple family (application)

**FR 2009170 A 20200910**; EP 2021074860 W 20210909; EP 21773611 A 20210909