

Title (en)  
FILMS HAVING SPECIAL PROPERTIES

Title (de)  
FOLIEN MIT BESONDEREN EIGENSCHAFTEN

Title (fr)  
FILMS AYANT DES PROPRIÉTÉS SPÉCIALES

Publication  
**EP 4073151 A1 20221019 (DE)**

Application  
**EP 20820445 A 20201210**

Priority  
• EP 19215534 A 20191212  
• EP 2020085646 W 20201210

Abstract (en)  
[origin: WO2021116356A1] The invention relates to a film containing a special polycarbonate or copolycarbonate of the formula (Ia), (I-2), (I-3) or (I-4) and to the use of the film in a security document and in a layer structure.

IPC 8 full level  
**C08J 5/18** (2006.01); **B32B 27/36** (2006.01); **C08K 5/42** (2006.01); **C08L 69/00** (2006.01)

CPC (source: EP US)  
**B32B 27/08** (2013.01 - EP US); **B32B 27/10** (2013.01 - EP US); **B32B 27/18** (2013.01 - EP US); **B32B 27/20** (2013.01 - EP); **B32B 27/32** (2013.01 - US); **B32B 27/365** (2013.01 - EP US); **C08G 64/06** (2013.01 - US); **C08G 64/24** (2013.01 - US); **C08J 3/226** (2013.01 - EP); **C08J 5/18** (2013.01 - EP US); **C08K 5/0075** (2013.01 - EP); **C08K 5/42** (2013.01 - US); **C09J 7/25** (2017.12 - US); **B32B 2250/03** (2013.01 - EP); **B32B 2250/24** (2013.01 - US); **B32B 2250/244** (2013.01 - EP); **B32B 2250/40** (2013.01 - EP US); **B32B 2264/1022** (2020.08 - EP); **B32B 2264/1024** (2020.08 - EP); **B32B 2264/104** (2013.01 - EP); **B32B 2307/4023** (2013.01 - EP); **B32B 2307/4026** (2013.01 - EP US); **B32B 2307/406** (2013.01 - EP US); **B32B 2307/412** (2013.01 - EP US); **B32B 2307/538** (2013.01 - EP US); **B32B 2307/584** (2013.01 - EP US); **C08J 2369/00** (2013.01 - EP US); **C08J 2469/00** (2013.01 - EP); **C08K 5/19** (2013.01 - EP); **C08K 5/42** (2013.01 - EP); **C09J 2469/006** (2013.01 - US)

C-Set (source: EP)  
**C08K 5/0075 + C08L 69/00**

Citation (search report)  
See references of WO 2021116356A1

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

DOCDB simple family (publication)  
**WO 2021116356 A1 20210617**; CN 114746488 A 20220712; EP 4073151 A1 20221019; US 2023002553 A1 20230105

DOCDB simple family (application)  
**EP 2020085646 W 20201210**; CN 202080085736 A 20201210; EP 20820445 A 20201210; US 202017778900 A 20201210