

Title (en)  
BREATHABLE FILM

Title (de)  
ATMUNGSAKTIVE FOLIE

Title (fr)  
FEUILLE RESPIRANTE

Publication  
**EP 3877453 A1 20210915 (DE)**

Application  
**EP 20724769 A 20200502**

Priority  
• DE 102019111445 A 20190503  
• EP 2020062225 W 20200502

Abstract (en)  
[origin: CA3125822A1] The invention relates to a breathable film. The specific ball-drop impact resistance of the film is more than 100 mm per gram polymer per square meter. The film has a water vapor permeability of at least 1000 g/m<sup>2</sup> in 24 hours. The elongation at break of the film in the machine direction is less than 200%.

IPC 8 full level  
**C08J 5/18** (2006.01); **A61F 13/514** (2006.01); **C08L 23/08** (2006.01)

CPC (source: CN EP US)  
**A61F 13/51401** (2013.01 - EP); **A61F 13/51458** (2013.01 - EP); **B29C 49/0005** (2013.01 - US); **B29C 49/04** (2013.01 - US); **B29C 49/4273** (2013.01 - US); **B29C 55/04** (2013.01 - US); **C08J 5/18** (2013.01 - CN EP); **C08L 23/06** (2013.01 - US); **C08L 23/0815** (2013.01 - EP); **B29K 2023/0633** (2013.01 - US); **C08J 2323/08** (2013.01 - CN EP); **C08J 2423/08** (2013.01 - CN EP); **C08J 2423/12** (2013.01 - EP); **C08K 2003/265** (2013.01 - CN); **C08L 23/12** (2013.01 - US); **C08L 2203/16** (2013.01 - US); **C08L 2205/025** (2013.01 - US); **C08L 2205/03** (2013.01 - US)

C-Set (source: EP)  
**C08L 23/0815 + C08K 3/26 + C08L 23/0815 + C08L 23/12**

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)  
**DE 102019111445 A1 20201105**; AU 2020269289 A1 20210729; AU 2020269289 B2 20221013; BR 112021011610 A2 20211116; CA 3125822 A1 20201112; CN 113748164 A 20211203; EP 3877453 A1 20210915; JP 2022531045 A 20220706; MX 2021008210 A 20210811; US 11780996 B2 20231010; US 2022089846 A1 20220324; WO 2020225165 A1 20201112

DOCDB simple family (application)  
**DE 102019111445 A 20190503**; AU 2020269289 A 20200502; BR 112021011610 A 20200502; CA 3125822 A 20200502; CN 202080033244 A 20200502; EP 2020062225 W 20200502; EP 20724769 A 20200502; JP 2021538995 A 20200502; MX 2021008210 A 20200502; US 202017422620 A 20200502