

Title (en)
THE CONTENT OF A BIODEGRADABLE AND COMPOSTABLE, BREATHABLE FILM AND THE PRODUCTION PROCESS OF THIS FILM

Title (de)
GEHALT EINES BIOLOGISCH ABBAUBAREN UND KOMPOSTIERBAREN, ATMUNGSAKTIVEN FILMS UND DESSEN HERSTELLUNGSVERFAHREN

Title (fr)
CONTENU D'UN FILM RESPIRANT, BIODÉGRADABLE ET COMPOSTABLE ET PROCÉDÉ DE PRODUCTION DE CE FILM

Publication
EP 4127030 A4 20240424 (EN)

Application
EP 20926811 A 20200507

Priority
• TR 202004607 A 20200324
• TR 2020050395 W 20200507

Abstract (en)
[origin: WO2021194440A1] The invention relates to the content of a biodegradable and compostable, breathable film for use in many areas, particularly in the hygiene and medical sectors, and the production process of this film. The most important feature of the biodegradable and compostable, breathable film of the present invention is that it is breathable and contains a ternary polymer blend. Biodegradable and compostable, breathable film of the present invention is obtained as a result of a process involving compound extrusion (100), film extrusion (110) and stretching (120) Steps.

IPC 8 full level
C08J 5/18 (2006.01); **C08K 3/26** (2006.01); **C08L 3/02** (2006.01); **C08L 67/02** (2006.01); **C08L 67/04** (2006.01)

CPC (source: EP)
C08J 5/18 (2013.01); **C08L 3/02** (2013.01); **C08L 67/02** (2013.01); **C08L 67/04** (2013.01); **C08J 2300/16** (2013.01); **C08J 2367/02** (2013.01); **C08J 2367/04** (2013.01); **C08J 2400/16** (2013.01); **C08J 2403/02** (2013.01); **C08J 2467/02** (2013.01); **C08J 2467/04** (2013.01); **C08K 2003/265** (2013.01)

C-Set (source: EP)
1. **C08L 67/02 + C08L 3/02 + C08L 67/04**
2. **C08L 67/04 + C08L 3/02 + C08L 67/02**
3. **C08L 3/02 + C08L 67/02 + C08L 67/04**
4. **C08L 67/04 + C08K 3/26 + C08L 3/02 + C08L 67/02**

Citation (search report)
• [XYI] CN 103627153 A 20140312 - SHANGHAI GENIUS ADVANCED MAT
• [XY] EP 2294134 B1 20140409 - KIMBERLY CLARK CO [US]
• [A] US 2018127554 A1 20180510 - MOHANTY AMAR KUMAR [CA], et al
• [XY] US 2012315454 A1 20121213 - WANG JAMES H [US], et al
• See also references of WO 2021194440A1

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WO 2021194440 A1 20210930; EP 4127030 A1 20230208; EP 4127030 A4 20240424

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