

Title (en)

AN OXYGEN BARRIER LAYER COMPRISING MICROFIBRILLATED DIALDEHYDE CELLULOSE

Title (de)

SAUERSTOFFSPERRSCHICHT MIT MIKROFIBRILLIERTER DIALDEHYDCELLULOSE

Title (fr)

COUCHE DE BARRIÈRE À L'OXYGÈNE COMPRENANT DE LA CELLULOSE DE DIALDÉHYDE MICROFIBRILLÉE

Publication

**EP 3864075 A1 20210818 (EN)**

Application

**EP 19872212 A 20191008**

Priority

- SE 1851216 A 20181008
- IB 2019058546 W 20191008

Abstract (en)

[origin: WO2020075056A1] The present invention relates to a method for manufacturing at least one fibrous barrier layer wherein the method comprises the steps of: providing a suspension comprising intermixed microfibrillated cellulose (MFC) and microfibrillated dialdehyde cellulose (DA-MFC); adding at least one inorganic pigment to said suspension and intermix to form a mixture; applying said mixture to a substrate to form a wet fibrous web; and drying said wet web on said substrate to form a fibrous barrier layer. It also relates to a fibrous barrier layer comprising microfibrillated dialdehyde cellulose, microfibrillated cellulose and at least one inorganic pigment.

IPC 8 full level

**B29D 7/01** (2006.01); **B32B 27/10** (2006.01); **B32B 29/00** (2006.01); **B65D 65/40** (2006.01); **C08J 5/18** (2006.01); **C08L 1/08** (2006.01); **D21H 11/18** (2006.01); **D21H 17/67** (2006.01)

CPC (source: EP SE)

**B29D 7/01** (2013.01 - EP); **B32B 27/10** (2013.01 - SE); **B65D 65/40** (2013.01 - SE); **C08J 5/18** (2013.01 - SE); **C08L 1/04** (2013.01 - EP); **C08L 1/08** (2013.01 - SE); **C09D 5/00** (2013.01 - EP); **C09D 101/04** (2013.01 - EP); **D21H 11/18** (2013.01 - EP SE); **D21H 17/67** (2013.01 - SE); **D21H 19/34** (2013.01 - EP); **D21H 19/40** (2013.01 - EP); **D21H 19/52** (2013.01 - EP); **D21H 19/60** (2013.01 - EP); **D21H 19/82** (2013.01 - EP); **B29D 7/01** (2013.01 - SE); **B29K 2001/00** (2013.01 - EP); **B29K 2029/04** (2013.01 - EP); **B29K 2105/0032** (2013.01 - EP); **B32B 29/00** (2013.01 - SE); **B32B 2307/7244** (2013.01 - SE)

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 2020075056 A1 20200416**; EP 3864075 A1 20210818; EP 3864075 A4 20220803; SE 1851216 A1 20200409; SE 543028 C2 20200929

DOCDB simple family (application)

**IB 2019058546 W 20191008**; EP 19872212 A 20191008; SE 1851216 A 20181008