

Title (en)

ADHESIVE COMPOSITION CONTAINING A STARCH HYDROLYSATE FOR HEAT-SEALING

Title (de)

KLEBSTOFFZUSAMMENSETZUNG MIT EINEM STÄRKEHYDROLYSAT ZUM HEISSSIEGELN

Title (fr)

COMPOSITION ADHÉSIVE COMPRENANT UN HYDROLYSANT D'AMIDON POUR LE THERMOCOLLAGE

Publication

**EP 3359101 A1 20180815 (FR)**

Application

**EP 16790433 A 20161007**

Priority

- BE 201505636 A 20151007
- IB 2016056015 W 20161007

Abstract (en)

[origin: WO2017060864A1] The present invention relates to a method for heat-sealing a fiber matrix onto a substrate. Said method includes the steps of: i) depositing, on one adhesion area of said substrate and/or said fiber matrix, a powder composition essentially containing a starch hydrolysate having a DE greater than 30; ii) bringing the adhesion areas of said fiber matrix and of said substrate into contact; and iii) applying a temperature of between 100 and 180°C onto one and/or the other of the adhesion areas of said substrate and of said fiber matrix so as to adhere said fiber matrix to the substrate. The invention also relates to the use of an adhesive composition substantially containing a starch hydrolysate having a DE greater than 30 in heat-sealing and to an adhesive composition for binding a fiber matrix to a substrate.

IPC 8 full level

**A61F 13/00** (2006.01); **A61F 13/15** (2006.01); **A61L 15/28** (2006.01); **D04H 11/00** (2006.01)

CPC (source: EP KR US)

**A61F 13/00** (2013.01 - EP US); **A61F 13/15617** (2013.01 - EP KR US); **A61F 13/15739** (2013.01 - US); **A61F 13/539** (2013.01 - KR); **A61L 15/28** (2013.01 - EP KR US); **A61L 15/58** (2013.01 - US); **A61L 15/585** (2013.01 - EP KR US); **B32B 5/022** (2013.01 - US); **B32B 5/26** (2013.01 - US); **B32B 9/02** (2013.01 - US); **B32B 9/047** (2013.01 - US); **C09J 103/02** (2013.01 - US); **C09J 123/06** (2013.01 - US); **D04H 11/00** (2013.01 - EP US); **A61F 2013/00655** (2013.01 - KR); **A61F 2013/15878** (2013.01 - KR); **A61F 2013/1591** (2013.01 - KR); **A61F 2013/53908** (2013.01 - KR); **B32B 2262/062** (2013.01 - US); **B32B 2555/00** (2013.01 - US); **D10B 2201/02** (2013.01 - US)

Citation (search report)

See references of WO 2017060864A1

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 2017060864 A1 20170413**; BE 1023792 A1 20170726; BE 1023792 B1 20170727; BR 112018006372 A2 20181009; CA 3001266 A1 20170413; CA 3001266 C 20200804; CN 108289759 A 20180717; EP 3359101 A1 20180815; FR 3042200 A1 20170414; FR 3042200 B1 20190830; JP 2018538379 A 20181227; JP 6628870 B2 20200115; KR 20180066144 A 20180618; US 2018298244 A1 20181018

DOCDB simple family (application)

**IB 2016056015 W 20161007**; BE 201505636 A 20151007; BR 112018006372 A 20161007; CA 3001266 A 20161007; CN 201680065186 A 20161007; EP 16790433 A 20161007; FR 1670584 A 20161007; JP 2018517882 A 20161007; KR 20187012790 A 20161007; US 201615767103 A 20161007