

Title (en)

METHOD FOR CONTROLLING THE AMOUNT OF AN ADHESIVE TO BE APPLIED TO A SUBSTRATE

Title (de)

VERFAHREN ZUM STEUERN DER MENGE EINES AUF EINEN TRÄGER AUFZUBRINGENDEN KLEBEMITTELS

Title (fr)

PROCÉDÉ POUR COMMANDER LA QUANTITÉ D'UNE SUBSTANCE ADHÉSIVE À APPLIQUER SUR UN SUPPORT

Publication

EP 3672882 A1 20200701 (DE)

Application

EP 18743491 A 20180720

Priority

- DE 102017119439 A 20170824
- EP 2018069706 W 20180720

Abstract (en)

[origin: WO2019037970A1] The invention relates to a method for controlling and monitoring an adhesive to be applied to a substrate, which is applied to the substrate by means of an application unit (40), wherein the amount of the adhesive to be applied is controlled by means of a control device (52) of the application unit (40). According to the invention, the partial pressure of at least one ingredient of the adhesive is measured with at least one gas sensor (50), and the application unit (40) is controlled according to the sensor signal of the gas sensor (50).

IPC 8 full level

B65C 9/22 (2006.01); **B05C 1/08** (2006.01); **B65B 17/02** (2006.01); **B65C 9/40** (2006.01)

CPC (source: EP US)

B05B 12/004 (2013.01 - EP); **B05B 12/08** (2013.01 - EP); **B05B 12/10** (2013.01 - EP); **B05C 1/0873** (2013.01 - EP US);
B05C 11/10 (2013.01 - EP); **B05C 11/1042** (2013.01 - EP US); **B65C 9/22** (2013.01 - EP US); **B65C 9/40** (2013.01 - EP);
B05B 12/081 (2013.01 - EP); **B05C 1/0813** (2013.01 - US); **B65B 17/02** (2013.01 - EP); **B65B 51/026** (2013.01 - EP); **B65C 9/40** (2013.01 - US);
B65C 2009/0075 (2013.01 - US)

Citation (search report)

See references of WO 2019037970A1

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 2019037970 A1 20190228; CN 111032518 A 20200417; DE 102017119439 A1 20190228; EP 3672882 A1 20200701;
EP 3672882 B1 20221207; JP 2020531256 A 20201105; JP 7157139 B2 20221019; US 11534792 B2 20221227; US 2020230639 A1 20200723

DOCDB simple family (application)

EP 2018069706 W 20180720; CN 201880056023 A 20180720; DE 102017119439 A 20170824; EP 18743491 A 20180720;
JP 2020508391 A 20180720; US 201816634312 A 20180720