

Title (en)

MAKING ADHESIVE SILICONE SUBSTANCES ADHERE TO FLUOROPOLYMER FILMS USING A CORONA TREATMENT

Title (de)

VERANKERUNG VON SILIKONKLEBMASSEN AUF FLUORPOLYMERFOLIEN DURCH CORONABEHANDLUNG

Title (fr)

ANCRAGE DE SUBSTANCES ADHÉSIVES AU SILICONE SUR DES FILMS FLUOROPOLYMÈRES PAR TRAITEMENT CORONA

Publication

EP 3417026 A1 20181226 (DE)

Application

EP 17706189 A 20170216

Priority

- DE 102016202396 A 20160217
- EP 2017053494 W 20170216

Abstract (en)

[origin: WO2017140775A1] The invention relates to a method for manufacturing an adhesive film (7), wherein one entire face of a fluoropolymer film (1) is activated with a plasma, an adhesive silicone substance (5) is immediately applied to the entire activated face, and the applied adhesive silicone substance (5) is cross-linked.

IPC 8 full level

C09J 5/00 (2006.01); **C09J 5/02** (2006.01); **C09J 7/24** (2018.01); **C09J 143/04** (2006.01); **C09J 183/00** (2006.01)

CPC (source: EP KR US)

B05D 1/40 (2013.01 - US); **B05D 3/007** (2013.01 - US); **B05D 3/144** (2013.01 - US); **B05D 5/10** (2013.01 - US); **B05D 7/04** (2013.01 - US);
B29C 33/68 (2013.01 - US); **C09J 5/02** (2013.01 - EP KR US); **C09J 7/24** (2017.12 - EP KR US); **C09J 183/04** (2013.01 - EP KR US);
C09J 143/04 (2013.01 - EP US); **C09J 2301/416** (2020.08 - EP KR US); **C09J 2427/006** (2013.01 - EP KR US); **C09J 2483/00** (2013.01 - EP US)

Citation (search report)

See references of WO 2017140775A1

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 102016202396 A1 20170817; CN 108699398 A 20181023; EP 3417026 A1 20181226; KR 20180107254 A 20181001;
US 2019048231 A1 20190214; WO 2017140775 A1 20170824

DOCDB simple family (application)

DE 102016202396 A 20160217; CN 201780011308 A 20170216; EP 17706189 A 20170216; EP 2017053494 W 20170216;
KR 20187026209 A 20170216; US 201716076884 A 20170216