

Title (en)
SPACER COMPRISING AN INTERRUPTED ADHESIVE LAYER

Title (de)
ABSTANDHALTER MIT UNTERBROCHENER HAFTSCHICHT

Title (fr)
ENTRETOISE COMPRENANT UNE COUCHE ADHÉSIVE INTERROMPUE

Publication
EP 4096919 A1 20221207 (DE)

Application
EP 21701260 A 20210118

Priority

- EP 20154037 A 20200128
- EP 2021050922 W 20210118

Abstract (en)
[origin: WO2021151705A1] The invention relates to a spacer (I) for insulating glass units, said spacer comprising at least: - a polymeric hollow profile (1) which extends in the longitudinal direction (X) and comprises a first side wall (2.1), a second side wall (2.2) arranged parallel thereto, and a glazing interior wall (3) which connects the side walls (2.1, 2.2) to one another; - an outer wall (5) which is arranged substantially parallel to the glazing interior wall (3) and connects the side walls (2.1, 2.2) to one another; - a cavity (5) which is enclosed by the side walls (2.1, 2.2), the glazing interior wall (3), and the outer wall (5); and - a moisture barrier (30) on the first side wall (2.1), the outer wall (5), and on the second side wall (2.2) of the polymeric hollow body (1), the moisture barrier (30) comprising at least - a multi-layer system having a barrier function (33) and comprising at least one polymeric layer (35) and an inorganic barrier layer (34), - a metallic or ceramic external adhesive layer (31), the adhesive layer (31) having a thickness d of at least 5 nm, - and the adhesive layer (31) is interrupted in the transverse direction (Y) by uncoated regions (36).

IPC 8 full level
B32B 7/14 (2006.01); **B32B 9/00** (2006.01); **B32B 15/08** (2006.01); **B32B 15/09** (2006.01); **B32B 15/20** (2006.01); **B32B 27/36** (2006.01); **E06B 3/663** (2006.01)

CPC (source: EP KR US)
B32B 1/08 (2013.01 - KR); **B32B 7/12** (2013.01 - KR); **B32B 7/14** (2013.01 - EP US); **B32B 9/005** (2013.01 - EP KR); **B32B 9/045** (2013.01 - KR); **B32B 15/08** (2013.01 - EP KR); **B32B 15/09** (2013.01 - EP); **B32B 15/20** (2013.01 - EP); **B32B 17/061** (2013.01 - KR); **B32B 17/10055** (2013.01 - KR); **B32B 27/36** (2013.01 - EP); **C09D 7/61** (2017.12 - KR); **C09J 7/29** (2017.12 - US); **C09J 7/30** (2017.12 - US); **C09J 183/04** (2013.01 - KR); **E06B 3/66314** (2013.01 - US); **E06B 3/66319** (2013.01 - EP); **E06B 3/66352** (2013.01 - US); **E06B 3/67343** (2013.01 - US); **B32B 3/266** (2013.01 - US); **B32B 5/02** (2013.01 - US); **B32B 15/09** (2013.01 - US); **B32B 15/20** (2013.01 - US); **B32B 27/12** (2013.01 - US); **B32B 27/36** (2013.01 - US); **B32B 2037/246** (2013.01 - KR); **B32B 2255/20** (2013.01 - EP US); **B32B 2255/205** (2013.01 - EP US); **B32B 2307/304** (2013.01 - KR); **B32B 2307/7246** (2013.01 - US); **B32B 2309/105** (2013.01 - KR); **C09J 2301/204** (2020.08 - US); **C09J 2400/12** (2013.01 - US); **C09J 2400/16** (2013.01 - US); **E06B 2003/6638** (2013.01 - EP); **Y02A 30/249** (2017.12 - EP); **Y02B 80/22** (2013.01 - EP)

Citation (search report)
See references of WO 2021151705A1

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

Designated validation state (EPC)
KH MA MD TN

DOCDB simple family (publication)
WO 2021151705 A1 20210805; AU 2021213364 A1 20220721; CA 3163025 A1 20210805; CN 114981076 A 20220830; EP 4096919 A1 20221207; JP 2023512224 A 20230324; KR 20220130200 A 20220926; US 2023068744 A1 20230302

DOCDB simple family (application)
EP 2021050922 W 20210118; AU 2021213364 A 20210118; CA 3163025 A 20210118; CN 202180011562 A 20210118; EP 21701260 A 20210118; JP 2022545901 A 20210118; KR 20227028690 A 20210118; US 202117794507 A 20210118