

Title (en)

SPACER FOR INSULATING GLAZING UNITS HAVING A METAL LAYER WITH ENHANCED ADHESION PROPERTIES

Title (de)

Abstandhalter für Isolierglasscheiben mit einer Metallschicht mit verbesserten Hafteigenschaften

Title (fr)

Espaceur d'isolation d'unités de vitrage comportant une couche de métal présentant des propriétés améliorées d'adhérence

Publication

EP 3009589 A1 20160420 (EN)

Application

EP 14188695 A 20141013

Priority

EP 14188695 A 20141013

Abstract (en)

A spacer for an insulating glass unit (1) with at least two glass panes (50, 52), comprising a metallic layer (30), wherein the metallic layer (30) has a basic layer (30b) and at least one oxide layer (30a), and the basic layer (30b) is made of stainless steel, and the oxide layer (30a) is provided on the basic layer by oxidation, the oxide layer (30a) provides improved adhesion properties in comparison to the basic layer.

IPC 8 full level

E06B 3/663 (2006.01)

CPC (source: EP)

E06B 3/66328 (2013.01); **E06B 2003/6638** (2013.01)

Citation (applicant)

- EP 1017923 B1 20010829 - CAPRANO & BRUNNHOFER [DE], et al
- EP 1529920 B1 20080827 - TECHNOFORM CAPRANO BRUNNHOFER [DE]
- EP 1797271 B1 20091111 - TECHNOFORM CAPRANO BRUNNHOFER [DE]

Citation (search report)

- [X] US 2007275192 A1 20071129 - LISEC PETER [AT]
- [A] JP H06146011 A 19940527 - SUMITOMO METAL IND

Cited by

KR102399059B1

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)

EP 3009589 A1 20160420; **EP 3009589 B1 20200219**; DK 3009589 T3 20200414; PL 3009589 T3 20200713

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