

Title (en)

Insulating glass unit with an elastoplastic spacer band and application method for the latter

Title (de)

Isolierglaseinheit mit einem elastoplastischen Abstandhalterband und Applizierverfahren für letzteres

Title (fr)

Unité de verre isolant dotée d'une bande de retenue d'écart élastoplastique et procédé d'application de cette dernière

Publication

**EP 1860270 A3 20100324 (DE)**

Application

**EP 07008532 A 20070426**

Priority

DE 102006024402 A 20060524

Abstract (en)

[origin: EP1860270A2] The glass unit has glass panes (2, 3) provided with elastoplastic spacer bands (1), where the spacer bands include a silicone mantel (1.1) and a core of a drying agent. The mantel has an inner surface turned towards an inner region between the panes and sides surfaces determined for an adhesion unit at pane surfaces, and an outer surface is coated with a moisture barrier layer. The mantel is made of silicone material such that the drying agent of the core is resin bonded. The silicone mantel and the drying agent core are co-extruded. The barrier layer has a foil (1.3) made of stainless steel. An independent claim is also included for a method for applying spacer bands on plates of an insulating glass unit.

IPC 8 full level

**E06B 3/663** (2006.01); **E06B 3/673** (2006.01)

CPC (source: EP US)

**E06B 3/66328** (2013.01 - EP US); **E06B 3/66342** (2013.01 - EP US); **E06B 3/66361** (2013.01 - EP US)

Citation (search report)

- [A] WO 9320320 A2 19931014 - WILDEMAN WIM EVERT [NL]
- [A] EP 0646753 A2 19950405 - SCHOTT GLAS [DE], et al
- [A] EP 0953716 A2 19991103 - FLACHGLAS AG [DE]

Cited by

EP2930296A1; US10274203B2; WO2019122278A1; WO2013117933A3; WO2013164464A3

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC MT NL PL PT RO SE SI SK TR

Designated extension state (EPC)

AL BA HR MK RS

DOCDB simple family (publication)

**EP 1860270 A2 20071128; EP 1860270 A3 20100324; EP 1860270 B1 20110615**; AT E513110 T1 20110715; DE 102006024402 A1 20071129; DE 102006024402 B4 20080103; ES 2371624 T3 20120105; US 2007275192 A1 20071129; US 7713600 B2 20100511

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