

Title (en)

SPACER FOR SPACING GLASS SHEETS OF A MULTIPLE GLAZED WINDOW

Title (de)

ABSTANDHALTER FÜR DIE BEABSTANDUNG VON GLASSCHEIBEN EINES MEHRFACHVERGLASTEN FENSTERS

Title (fr)

ECARTEUR POUR ECARTER LES VERRES D'UNE FENETRE MULTI-VITRAGE

Publication

EP 3023569 B1 20180606 (DE)

Application

EP 15191282 A 20120410

Priority

- EP 11162316 A 20110413
- EP 11196113 A 20111229
- EP 12714669 A 20120410
- EP 15191282 A 20120410

Abstract (en)

[origin: WO2012140005A1] The present application relates to a spacer (1) for spacing apart glass panes (5) in a multi-glazed window. The spacer (1) comprises a silicone-free outer shell (7) which at least partially encloses an internal structure (8) of greater porosity than the outer shell. The outer shell (7) and the internal structure (8) of greater porosity are present as a composite as a result of extrusion. The application also relates to a process for producing a spacer (1) according to the invention and to a multi-glazed window having said spacer.

IPC 8 full level

E06B 3/663 (2006.01)

CPC (source: EP)

E06B 3/66328 (2013.01); **E06B 3/66361** (2013.01); **E06B 2003/6638** (2013.01); **E06B 2003/6639** (2013.01)

Citation (opposition)

Opponent : Technoform Glass Insulation Holding GmbH

- WO 2004081331 A1 20040923 - ENSINGER KUNSTSTOFFTECHNOLOGIE [DE], et al
- EP 1029661 A1 20000823 - ALUSUISSE LONZA SERVICES AG [CH]
- US 5830545 A 19981103 - FRISK PETER [US]
- DE 102004031203 A1 20060119 - WIPAK WALSRÖDE GMBH & CO KG [DE]
- WO 2008022877 A1 20080228 - PROWERB ST GALLEN AG [CH], et al

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

DOCDB simple family (publication)

WO 2012140005 A1 20121018; EP 2697466 A1 20140219; EP 3020908 A1 20160518; EP 3020908 B1 20180606; EP 3023569 A1 20160525; EP 3023569 B1 20180606; PL 3020908 T3 20181130; PL 3023569 T3 20181130

DOCDB simple family (application)

EP 2012056435 W 20120410; EP 12714669 A 20120410; EP 15191282 A 20120410; EP 15200838 A 20120410; PL 15191282 T 20120410; PL 15200838 T 20120410