

Title (en)  
Insulating glass pane

Title (de)  
Isolierglasscheibe

Title (fr)  
Vitrage isolant

Publication  
**EP 2146039 B1 20130313 (DE)**

Application  
**EP 09162908 A 20090617**

Priority  
DE 102008033249 A 20080715

Abstract (en)  
[origin: EP2146039A2] The pane (1) has two outer panes (2, 3) and an edge connection (4) provided with a spacer profile (5). The spacer profile has two opposed contact surfaces (12) that are connected to the outer panes via an adhesive layer (11) in a shear-resistant manner. The spacer profile has an articulated region (13) designed such that the two contact surfaces are partially rotated to reduce stresses in the adhesive layer. The spacer profile has regions connected to each other in a shear-resistant manner. The spacer profile is constructed from high-strength glass-fiber-reinforced plastic.

IPC 8 full level  
**E06B 3/663** (2006.01)

CPC (source: EP US)  
**E06B 3/663** (2013.01 - EP US); **E06B 3/66328** (2013.01 - EP US); **E06B 3/66366** (2013.01 - EP US); **E06B 2003/66385** (2013.01 - EP US)

Cited by  
DE202017101938U1; RU2743986C1; US11174670B2; WO2021028092A1

Designated contracting state (EPC)  
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 SE SI SK TR

DOCDB simple family (publication)  
**EP 2146039 A2 20100120; EP 2146039 A3 20101013; EP 2146039 B1 20130313**; DE 102008033249 A1 20100121; EP 2146040 A2 20100120; EP 2146040 A3 20101013; EP 2146040 B1 20120919; US 2010011703 A1 20100121

DOCDB simple family (application)  
**EP 09162908 A 20090617**; DE 102008033249 A 20080715; EP 09162912 A 20090617; US 48608009 A 20090617