

Title (en)  
BONDED WINDOW

Title (de)  
GEKLEBTES FENSTER

Title (fr)  
FENETRE COLLEE

Publication  
**EP 1977069 A1 20081008 (DE)**

Application  
**EP 06829686 A 20061218**

Priority  
• EP 2006012162 W 20061218  
• DE 102006003288 A 20060123

Abstract (en)  
[origin: WO2007082578A1] A multi-pane window unit is described, comprising: a) a first glass pane (1) having an inner surface (1.1) with an edge region and an outer surface (1.2) with an edge region, b) a second glass pane (2) having an inner surface (2.1) with an edge region and an outer surface (2.2) with an edge region, c) a spacer composed of (c a) a hollow profile (3) which can be filled with moisture-absorbing material and whose inner space for the moisture-absorbing material is defined at least by two side walls (5) and a rear wall (6), wherein the inner space has a connection to the gap between the panes, and wherein a first sealant (7) is arranged between the side walls (5) of the hollow profile and the inner surfaces of the first and second glass panes, or (c b) a spacer (8) made of a non-flowing polymer material, and d) a window sash or window frame with a rebate (9) which accommodates the glass panes and with a second adhesive/sealant layer (10) for bonding the glass panes and the spacer to the window sash in a force-fitting and sealing manner.

IPC 8 full level  
**E06B 3/66** (2006.01); **E06B 3/54** (2006.01)

CPC (source: EP US)  
**E06B 3/5454** (2013.01 - EP US); **E06B 3/56** (2013.01 - EP US); **E06B 3/66328** (2013.01 - EP US); **E06B 3/66342** (2013.01 - EP US)

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 NL PL PT RO SE SI SK TR

DOCDB simple family (publication)  
**DE 102006003288 A1 20070726**; CA 2637224 A1 20070726; EP 1977069 A1 20081008; RU 2008134503 A 20100227;  
RU 2413828 C2 20110310; US 2009301006 A1 20091210; WO 2007082578 A1 20070726

DOCDB simple family (application)  
**DE 102006003288 A 20060123**; CA 2637224 A 20061218; EP 06829686 A 20061218; EP 2006012162 W 20061218;  
RU 2008134503 A 20061218; US 16163306 A 20061218