

Title (en)  
Door / window with structural glass panel and method for the assembly thereof

Title (de)  
Tür/Fenster mit rahmenlosen Verglasung und Verfahren dafür

Title (fr)  
Porte/fenêtre avec vitrage structurel et méthode d'assemblage

Publication  
**EP 2685044 A1 20140115 (EN)**

Application  
**EP 13176224 A 20130711**

Priority  
• IT PD20120221 A 20120711  
• IT PD20120407 A 20121224

Abstract (en)  
Door/window with structural glass panel comprising a frame (2) and a glass panel (3) provided with an internal sheet (5) housed in a perimeter seat (30) of the frame (2) and with an external sheet (6) fixed to the internal sheet (5) by means of a perimeter cord (7) made of sealant material. The external sheet (6) is extended outside the double glazing (9) defined by the two sheets for at least one projecting portion (60) to partially or totally cover the external face (2'') of the frame (2). A check device (11) is provided for fixing the glass panel (3) to the frame (2) comprising an elongated profile (12) interposed between the external face (2'') of the frame (2) and the projecting portion (60) of the external sheet (6). Such elongated profile (12) is provided with a support portion (13) defining a concavity (14), in which the perimeter edge (6'') is housed of the external sheet (6). Fixing means (4) are also provided for fixing an anchorage portion (15) of the elongated profile (12) to the external face (2'') of the frame (2). The elongated profile (12) is also provided with a first and a second abutment wall (150, 151), respectively in abutment against the external face (2'') of the frame (2) and against the internal surface (6') of the projecting portion (60) of the external sheet (6), which by means of the aforesaid abutments determine the distance between the frame (2) and the glass panel (3). The fixing means (4) comprise at least one bracket (16) provided with a base (17) fixed to the external face (2'') of the frame (2), and at least one coupling body (19) projecting from the base (17) towards the glass panel (3), separated from the latter and from the second abutment wall (151) and engaged with the anchorage portion (15).

IPC 8 full level  
**E06B 3/66** (2006.01); **E06B 3/30** (2006.01); **E06B 3/54** (2006.01); **E06B 3/58** (2006.01); **E06B 3/964** (2006.01)

CPC (source: EP)  
**E06B 3/301** (2013.01); **E06B 3/5427** (2013.01); **E06B 3/6617** (2013.01); **E06B 3/9641** (2013.01); **E06B 3/5814** (2013.01); **E06B 3/5885** (2013.01)

Citation (applicant)  
• GB 2323116 A 19980916 - TAYLOR GRAHAM CHARLES [GB]  
• GB 2238340 A 19910529 - GORDON IAN ALEXANDER  
• IT PD20100025 U 20100407  
• DE 9104769 U1 19910814

Citation (search report)  
• [AD] DE 9104769 U1 19910814  
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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 2685044 A1 20140115**

DOCDB simple family (application)  
**EP 13176224 A 20130711**