

Title (en)  
WINDOW OR DOOR OR FIXED GLAZING WITH A BULLETPROOF PANE

Publication  
**EP 0191190 B1 19890503 (DE)**

Application  
**EP 85116250 A 19851219**

Priority  
DE 3504989 A 19850214

Abstract (en)  
[origin: EP0191190A2] 1. Window or door or fixed glazing with a bullet-proof pane (13) which is enclosed by a frame formed by composite frame members with a heat-barrier action, wherein the composite frame members comprise two metal members (2, 3) which are connected together by two insulating bars (4) which extend in mutually parallel relationship and which are disposed at a spacing from each other, and wherein associated with the window or door frame is a stationary frame structure comprising composite frame members with a heat-barrier action, wherein there are provided carrier bar portions (8) with an anchoring groove for a longitudinal edge of an insulating bar (4) and the longitudinal edge of the insulating bar (4) can be fixed in the anchoring groove in the assembly process, the outside member (2), at the edge towards the pane (13), has an anchoring groove (12) for a pane sealing member (14), and in the case of the window or the door, the outside members of the window or door frame and the stationary frame structure or the fixed glazing overlap in the abutment region, characterized in that the outside metal member (2) of the movable frame, the stationary frame structure or the fixed glazing is in the form of a bullet-restraining, plate-shaped member which is extruded from a special aluminium alloy and which at the inward side has rail-like carrier bar portions (8) which delimit a receiving groove (10) for corner connectors (11) and which are additionally provided with the anchoring groove for a longitudinal edge of the insulating bar (4), and that each corner connector (11) is provided with an arrow-shaped mitring reinforcement (34) which extends over the entire region of the frame mitring of the composite frame member and which is arranged in a groove-shaped opening (35) in the outside metal member (2).

IPC 1-7  
**E06B 5/10**

IPC 8 full level  
**E06B 3/263** (2006.01); **E06B 3/96** (2006.01); **E06B 5/10** (2006.01)

CPC (source: EP)  
**E06B 3/26303** (2013.01); **E06B 3/9616** (2013.01); **E06B 5/106** (2013.01); **E06B 2003/26352** (2013.01); **E06B 2003/26389** (2013.01)

Cited by  
CN114482782A; GB2201182A; GB2201182B; EP0283549A3; EP3034732A1; EP3034733A1

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