

Title (en)  
ANTI-EXPLOSION BALLISTIC GLAZING FOR VEHICULAR APPLICATION

Title (de)  
EXPLOSIONSGESCHÜTZTE BALLISTISCHE VERGLASUNG FÜR FAHRZEUGANWENDUNG

Title (fr)  
VITRAGE BALISTIQUE ANTI-EXPLOSION POUR APPLICATION DE VÉHICULE

Publication  
**EP 3537092 A1 20190911 (EN)**

Application  
**EP 19161772 A 20190308**

Priority  
BR 102018004728 A 20180309

Abstract (en)  
This invention concerns anti-explosion ballistic glazing (1), for application preferably to moveable and/or fixed windows of highway, military, and/or off-road vehicles, and agricultural machinery, which comprises an external surface (2) facing the external part of the vehicle or passenger compartment, an internal surface (3) facing the internal part of the vehicle, a combination of at least two sheets (4, 5, 6, 10) and at least two intermediate layers (7, 8, 9) of different materials positioned between the external surface (2) and the internal surface (3), and a chamfer (Y) arranged in parts or along the perimeter of the glazing (1) providing space for the full or partial housing of an overlap (12), which is designed to apply reaction forces to the explosion waves, keeping the glazing (1) in its housing, in addition to facilitating its manufacture, dispensing with the inconveniences of manufacturing a counter-piece and, further, facilitating the installation thereof in the vehicle, requiring fewer adjustments and controls.

IPC 8 full level  
**F41H 5/26** (2006.01)

CPC (source: EP)  
**F41H 5/263** (2013.01)

Citation (applicant)  
• EP 0890467 A1 19990113 - DAIMLER BENZ AG [DE]  
• EP 1331468 A1 20030730 - REPETTI S R L [IT]  
• EP 2988089 A1 20160224 - ISOCLIMA SPA [IT]

Citation (search report)  
• [X] EP 2988088 A1 20160224 - ISOCLIMA SPA [IT]  
• [A] DE 10300397 B3 20040603 - DAIMLER CHRYSLER AG [DE]  
• [A] DE 10340907 A1 20050407 - DAIMLER CHRYSLER AG [DE]

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