

Title (en)

CAR FACE WALL ARCHITECTURE FOR A CAR SUCH AS A TRAIN CAR MADE FROM SANDWICH COMPOSITE MATERIAL

Title (de)

WAGENSTIRNWANDARCHITEKTUR FÜR EINEN WAGEN WIE Z. B. EINEN EISENBAHNWAGEN AUS SANDWICHVERBUNDMATERIAL

Title (fr)

ARCHITECTURE DE PAROI DE FACE DE VOITURE TELLE QU'UNE VOITURE DE TRAIN EN COMPOSITE SANDWICH

Publication

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Application

EP 15781099 A 20151015

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Abstract (en)

[origin: WO2016059147A1] The invention relates to a car (1) belonging to a rolling vehicle, characterised in that it comprises sidewalls (2) in the form of a single piece made from composite material comprising a sandwich structure (10) provided with a first skin (11) on the outside of the car, a second skin (12) on the inside of the car and a closed-cell foam (13a) or honeycomb (13b) core between the skins, said walls being provided with window openings (20) formed by interruptions in the drapes of longitudinal fibres, transverse fibres and intersecting diagonal fibres (100), said openings (20) having a polygonal shape that reduces the surface area of interrupted diagonal fibres (100) in the corners of the openings.

IPC 8 full level

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Citation (search report)

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