

Title (en)

REINFORCED STRUCTURAL JOINT OF A MOTOR VEHICLE COMPRISING A ROOF OPENING

Title (de)

VERSTÄRKTE STRUKTUR-VERBINDUNGSKNOTEN EINES KRAFTFAHRZEUGS MIT EINER DACHÖFFNUNG

Title (fr)

NOEUDS DE LIAISON DE STRUCTURE RENFORCES D'UN VEHICULE PRESENTANT UNE GRANDE OUVERTURE DE TOIT

Publication

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Application

EP 05716277 A 20050322

Priority

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Abstract (en)

[origin: WO2005097583A1] The body of station wagon-type motor vehicles that are provided with a large roof opening (16) tends to shake. In order to minimize shaking of the body, at least one foamed composite structure (30 to 80) is disposed in the joint zone of a rear column (1, 2) and another structural part of the body. Said foamed composite structure (30 to 80) comprises a basic element, some sections of which are coated with a foam material. The foam material expands and fills the hollow space in the joint zone in a stiffness-increasing manner by applying heat.

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