

Title (en)  
SELF-SUPPORTING CAR BODY PART

Title (de)  
SELBSTTRAGENDES KAROSSERIETEIL

Title (fr)  
PIECE DE CARROSSERIE DE VOITURE A SUPPORT AUTONOME

Publication  
**EP 1718457 A1 20061108 (EN)**

Application  
**EP 04737031 A 20040618**

Priority  
• CH 2004000375 W 20040618  
• CH 1742004 A 20040205

Abstract (en)  
[origin: WO2005075188A1] Self-supporting vehicle body part (1) comprising a substructure (7) and an outer skin (6). Said substructure (7) comprises a honeycomb-like core layer (2) which is covered by an open-celled first cover layer (3) on the noise emission side and a second cover layer (4) on the outer skin side. Said substructure is attached to the outer skin (6) by suitable attachment means (5). The HPC value of the entire self-supporting vehicle part (1) is less than 1000. The airflow resistance of the cover layer (3) is between 200 and 5000 Ns/m<sup>3</sup>.

IPC 8 full level  
**B32B 5/18** (2006.01); **B32B 3/12** (2006.01); **B60R 21/34** (2011.01)

CPC (source: EP KR US)  
**B32B 3/12** (2013.01 - EP US); **B32B 5/18** (2013.01 - EP KR US); **B32B 7/04** (2013.01 - US); **B60R 21/34** (2013.01 - EP KR); **B62D 21/00** (2013.01 - KR); **B62D 25/10** (2013.01 - KR); **B32B 2305/024** (2013.01 - US); **B32B 2605/00** (2013.01 - US); **B60R 2021/343** (2013.01 - EP)

Citation (search report)  
See references of WO 2005075188A1

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