

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/m³.

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

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LU MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)
WO 2005075188 A1 20050818; BR PI0418510 A 20070515; EP 1718457 A1 20061108; JP 2007513836 A 20070531; JP 4359620 B2 20091104; KR 20060120273 A 20061124

DOCDB simple family (application)
CH 2004000375 W 20040618; BR PI0418510 A 20040618; EP 04737031 A 20040618; JP 2006544194 A 20040618; KR 20067018062 A 20060905