

Title (en)  
STRUCTURAL OR CHASSIS PART OF A MOTOR VEHICLE

Title (de)  
STRUKTUR- ODER FAHRWERKTEIL EINES KRAFTFAHRZEUGS

Title (fr)  
PIÈCE STRUCTURALE OU DE CHÂSSIS D'UN VÉHICULE À MOTEUR

Publication  
**EP 2621719 A2 20130807 (DE)**

Application  
**EP 11763631 A 20110923**

Priority

- DE 102010037817 A 20100928
- EP 2011066570 W 20110923

Abstract (en)  
[origin: WO2012052250A2] The invention relates to a structural or chassis part of a motor vehicle, wherein the structural or chassis part consists of a composite material having an outer metal layer, a middle plastic layer or foamed plastic layer, and an outer fibre-reinforced plastic layer. The aim of providing a structural or chassis part which allows further weight savings without worsening properties with respect to load-bearing capacity is achieved in that the thickness of the middle plastic layer is at least 0.2 mm.

IPC 8 full level  
**B32B 5/02** (2006.01); **B32B 15/08** (2006.01)

CPC (source: EP US)  
**B32B 1/00** (2013.01 - EP US); **B32B 15/046** (2013.01 - EP US); **B32B 15/085** (2013.01 - EP US); **B32B 15/088** (2013.01 - EP US); **B32B 15/18** (2013.01 - EP US); **B32B 27/065** (2013.01 - EP US); **B32B 27/08** (2013.01 - EP US); **B32B 27/18** (2013.01 - EP US); **B32B 27/32** (2013.01 - EP US); **B32B 27/34** (2013.01 - EP US); **B62D 29/001** (2013.01 - EP US); **B62D 29/004** (2013.01 - EP US); **B62D 29/005** (2013.01 - EP US); **B32B 2250/03** (2013.01 - EP US); **B32B 2255/06** (2013.01 - EP US); **B32B 2255/205** (2013.01 - EP US); **B32B 2262/101** (2013.01 - EP US); **B32B 2262/106** (2013.01 - EP US); **B32B 2266/0214** (2013.01 - EP US); **B32B 2266/025** (2013.01 - EP US); **B32B 2266/0257** (2013.01 - EP US); **B32B 2270/00** (2013.01 - EP US); **B32B 2305/022** (2013.01 - EP US); **B32B 2305/08** (2013.01 - EP US); **B32B 2305/22** (2013.01 - EP US); **B32B 2307/712** (2013.01 - EP US); **B32B 2307/738** (2013.01 - EP US); **B32B 2605/08** (2013.01 - EP US); **B60G 2206/20** (2013.01 - EP US); **B60G 2206/71** (2013.01 - EP US); **B60G 2206/7101** (2013.01 - EP US); **B60G 2206/71042** (2013.01 - EP US); **Y10T 428/13** (2015.01 - EP US); **Y10T 428/24967** (2015.01 - EP US); **Y10T 428/24999** (2015.04 - EP US); **Y10T 428/249991** (2015.04 - EP US); **Y10T 428/249992** (2015.04 - EP US); **Y10T 428/269** (2015.01 - EP US)

Citation (search report)  
See references of WO 2012052250A2

Citation (examination)  
DE 69836259 T2 20070606 - TORAY INDUSTRIES [JP]

Designated contracting state (EPC)  
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)  
**DE 102010037817 A1 20120329**; BR 112013007284 A2 20160614; CN 103153603 A 20130612; CN 103153603 B 20170308; EP 2621719 A2 20130807; US 2013244014 A1 20130919; US 8574711 B2 20131105; WO 2012052250 A2 20120426; WO 2012052250 A3 20120705; WO 2012052250 A9 20120907

DOCDB simple family (application)  
**DE 102010037817 A 20110928**; BR 112013007284 A 20110923; CN 201180047016 A 20110923; EP 11763631 A 20110923; EP 2011066570 W 20110923; US 201313850035 A 20130325