

Title (en)  
FUEL TANK FOR VEHICLES

Title (de)  
KRAFTSTOFFTANK FÜR FAHRZEUGE

Title (fr)  
RESERVOIR DE CARBURANT POUR VEHICULES

Publication  
**EP 1948462 A1 20080730 (EN)**

Application  
**EP 06828833 A 20061019**

Priority  
• EP 2006010077 W 20061019  
• ES 200502557 A 20051020

Abstract (en)  
[origin: WO2007045466A1] The fuel tank for vehicles with internal combustion engine, essentially constituted by a hollow body which comprises a first internal section (1) of thermoplastic material, designed to be in contact with the fuel, an intermediate section (2) of composite material and a final external finish section (3) . The intermediate section of composite material is constituted by the superposition of multiple layers formed by portions of sheets preimpregnated with polymeric resin of which the first layer (21) , following on from the internal section of thermoplastic material, is optionally constituted by at least one band of portions of veil type sheets, and the last layer (23) is formed by at least one band of portions of "twill" type or "plain" weave sheets, in carbon fibre.

IPC 8 full level  
**B60K 15/03** (2006.01); **B32B 5/08** (2006.01); **B32B 5/28** (2006.01)

CPC (source: EP ES US)  
**B29C 70/086** (2013.01 - EP); **B32B 1/00** (2013.01 - EP US); **B32B 3/12** (2013.01 - US); **B32B 5/18** (2013.01 - US); **B32B 5/245** (2013.01 - US); **B32B 5/26** (2013.01 - US); **B32B 5/28** (2013.01 - EP); **B32B 27/04** (2013.01 - EP); **B32B 27/12** (2013.01 - EP US); **B32B 27/308** (2013.01 - US); **B32B 27/32** (2013.01 - US); **B32B 27/36** (2013.01 - US); **B32B 27/38** (2013.01 - US); **B60K 15/03177** (2013.01 - ES); **B29L 2031/7172** (2013.01 - EP); **B32B 2262/0269** (2013.01 - US); **B32B 2262/101** (2013.01 - US); **B32B 2262/106** (2013.01 - US); **B32B 2266/0214** (2013.01 - US); **B32B 2305/022** (2013.01 - US); **B32B 2305/024** (2013.01 - US); **B32B 2323/04** (2013.01 - US); **B32B 2323/10** (2013.01 - US); **B32B 2333/04** (2013.01 - US); **B32B 2363/00** (2013.01 - US); **B32B 2367/00** (2013.01 - US); **B32B 2605/00** (2013.01 - US); **B60K 15/03177** (2013.01 - EP)

Citation (search report)  
See references of WO 2007045466A1

Designated contracting state (EPC)  
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**WO 2007045466 A1 20070426**; EP 1948462 A1 20080730; ES 2253127 A1 20060516; ES 2253127 B1 20070401

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