

Title (en)
FLOOR CONSTRUCTION FOR A VEHICLE

Title (de)
BODENKONSTRUKTION FÜR EIN FAHRZEUG

Title (fr)
CONSTRUCTION DE PLANCHER POUR UN VÉHICULE

Publication
EP 3081449 A1 20161019 (EN)

Application
EP 16154928 A 20160209

Priority
CA 2887720 A 20150414

Abstract (en)
A vehicle having a bottom frame including a plurality of rails includes a floor structure defined by a plurality of longitudinally extending flooring planks extending along at least part of the length of the vehicle body and arranged side by side at a coupling rail or overlapping joint so as to collectively span between the side walls. The planks are molded for example by pultrusion or vacuum resin infusion from a composite having an upper skin and a lower skin and an intervening core material layer. The planks can be easily provided at required different lengths including a center and side planks installed while standing on the centre plank. The planks can be trimmed to any length for vehicles of varying lengths.

IPC 8 full level
B61D 17/10 (2006.01)

CPC (source: EP)
B61D 17/10 (2013.01)

Citation (applicant)
• US 6375249 B1 20020423 - STANTON WILLIAM H [CA], et al
• US 8006321 B2 20110830 - BUNIN SIMONA [US], et al

Citation (search report)
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• [Y] US 4224880 A 19800930 - HOGUE J W, et al
• [A] WO 2004000633 A1 20031231 - NABI AUTOBUSZIPARI RT [HU], et al
• [A] CN 203094076 U 20130731 - JIANGYIN YANLI AUTOMOBILE DECORATIVE PARTS CO LTD
• [A] US 2009230729 A1 20090917 - LUSK KEVIN [CA]
• [A] EP 0063214 A1 19821027 - MESSERSCHMITT BOELKOW BLOHM [DE]

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Designated contracting state (EPC)
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Designated extension state (EPC)
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