

Title (en)

FREIGHT FLOOR, FREIGHT CONTAINER, METHOD FOR PRODUCING A FREIGHT FLOOR

Title (de)

FRACHTBODEN, FRACHTCONTAINER, VERFAHREN ZUR HERSTELLUNG EINES FRACHTBODENS

Title (fr)

PLANCHER DE FRET, CONTENEUR DE FRET, PROCÉDÉ DE FABRICATION D'UN PLANCHER DE FRET

Publication

EP 2718203 A1 20140416 (DE)

Application

EP 12726115 A 20120606

Priority

- DE 102011050893 A 20110607
- EP 2012060719 W 20120606

Abstract (en)

[origin: WO2012168310A1] For economic and ecological reasons, the aircraft industry continuously strives to reduce the weight of freight containers and/or freight pallets. However, it is necessary for the functionality and the robust design of the freight container or freight pallet to remain unaffected. In this regard, the invention provides a solution approach, wherein a freight floor has a multi-layer construction and is designed as a composite material, comprising a core layer (42, 43, 44) made of carbon-fiber-reinforced and/or glass-fiber-reinforced plastic and an overlay layer (21) made of a metal alloy, in particular made of an aluminum alloy.

IPC 8 full level

B65D 88/14 (2006.01); **B65D 90/02** (2006.01)

CPC (source: EP US)

B65D 88/14 (2013.01 - EP US); **B65D 90/022** (2013.01 - EP US); **Y10T 428/249951** (2015.04 - EP US)

Citation (search report)

See references of WO 2012168310A1

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 102011050893 A1 20121213; **DE 102011050893 B4 20160114**; EP 2718203 A1 20140416; EP 2718203 B1 20160928; HK 1190681 A1 20140711; US 2014097181 A1 20140410; US 9850063 B2 20171226; WO 2012168310 A1 20121213

DOCDB simple family (application)

DE 102011050893 A 20110607; EP 12726115 A 20120606; EP 2012060719 W 20120606; HK 14103828 A 20140422; US 201214123571 A 20120606