

Title (en)

LAMINATE OF MUTUALLY BONDED ADHESIVE LAYERS AND SPLICED METAL SHEETS

Title (de)

LAMINAT AUS MITEINANDER VERBUNDENEN HAFTSCHICHTEN UND GESPLEISSTE METALLBLECHE

Title (fr)

STRATIFIÉ DE COUCHES ADHÉSIVES MUTUELLEMENT LIÉES ET FEUILLES MÉTALLIQUES ÉPISSEES

Publication

EP 3544801 A1 20191002 (EN)

Application

EP 17817261 A 20171123

Priority

- NL 2017849 A 20161123
- NL 2017050769 W 20171123

Abstract (en)

[origin: WO2018097720A1] Described is a laminate, comprising a stack of mutually bonded adhesive layers and metal sheets. The laminate comprises abutting metal sheet edges that extend along a length direction within a splicing region. A splice strap is connected to the stack at an outer surface of the stack across said splicing region, the splice strap comprising at least one layer of fiber-reinforced adhesive or of metal sheet, or stacked layers of fiber-reinforced adhesive and/or metal sheets. The laminate comprising the splice strap has specific shear properties.

IPC 8 full level

B32B 5/02 (2006.01); **B32B 3/10** (2006.01); **B32B 7/04** (2019.01); **B32B 7/12** (2006.01); **B32B 7/14** (2006.01); **B32B 15/04** (2006.01); **B32B 15/08** (2006.01); **B32B 15/14** (2006.01); **B32B 27/00** (2006.01)

CPC (source: EP)

B32B 3/10 (2013.01); **B32B 5/02** (2013.01); **B32B 7/04** (2013.01); **B32B 7/12** (2013.01); **B32B 7/14** (2013.01); **B32B 15/04** (2013.01); **B32B 15/043** (2013.01); **B32B 15/08** (2013.01); **B32B 15/14** (2013.01); **B32B 27/00** (2013.01); **B32B 2250/42** (2013.01); **B32B 2307/51** (2013.01); **B32B 2307/552** (2013.01); **B32B 2605/18** (2013.01)

Citation (search report)

See references of WO 2018097720A1

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

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

WO 2018097720 A1 20180531; EP 3544801 A1 20191002; NL 2017849 B1 20180528

DOCDB simple family (application)

NL 2017050769 W 20171123; EP 17817261 A 20171123; NL 2017849 A 20161123