

Title (en)  
PAPER PALLETS

Title (de)  
PAPIERPALETTEN

Title (fr)  
PALETTES EN PAPIER

Publication  
**EP 2197756 A1 20100623 (EN)**

Application  
**EP 08807448 A 20080827**

Priority  
• IB 2008053439 W 20080827  
• MY PI20071539 A 20070914

Abstract (en)  
[origin: WO2009034495A1] According to the teaching of the present invention, laminated sheet paper is used to constitute components making up the carrying surface and horizontal runners (12) of a paper pallet (10). A plurality of horizontal runners (12) is disposed and bonded to the underside of a flat sheet (11c) or a plurality of parallel spaced apart elongate elements (11a, 11b). The elongate elements can be T-shaped (11a) or flat (11b). A T-shaped elongate element (11a) can be made from two L-shaped elongate elements, correspondingly disposed and suitably bonded together. In the case of T-shaped elongate elements (11a), top portions of each horizontal runner (12') and orthogonal core insert (14') are cut (19) at those positions where the T-shaped elongate elements (11a) are placed. Each horizontal runner (12) is substantially hollow and rectangular in shape and is constituted from at least one channel member (15, 13, 17) and a plurality of orthogonal core inserts (14) vertically disposed therein. The present invention teaches five designs of the horizontal runners (12a - 12e) and three designs of the components making up the carrying surface. Twelve embodiments of the paper pallets (10a - 10i) made according to the present invention include two-way pallets and four-way pallets.

IPC 8 full level  
**B65D 19/34** (2006.01); **B65D 19/44** (2006.01)

CPC (source: EP US)  
**B65D 19/0026** (2013.01 - EP US); **B65D 19/0028** (2013.01 - EP US); **B65D 19/0095** (2013.01 - EP US); **B65D 19/0097** (2013.01 - EP US); **B65D 2519/00019** (2013.01 - EP US); **B65D 2519/00054** (2013.01 - EP US); **B65D 2519/00089** (2013.01 - EP US); **B65D 2519/00273** (2013.01 - EP US); **B65D 2519/00288** (2013.01 - EP US); **B65D 2519/00293** (2013.01 - EP US); **B65D 2519/00298** (2013.01 - EP US); **B65D 2519/00323** (2013.01 - EP US); **B65D 2519/00333** (2013.01 - EP US); **B65D 2519/00338** (2013.01 - EP US); **B65D 2519/00378** (2013.01 - EP US); **B65D 2519/00432** (2013.01 - EP US); **B65D 2519/00447** (2013.01 - EP US); **B65D 2519/00562** (2013.01 - EP US); **B65D 2519/00572** (2013.01 - EP US)

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

Designated extension state (EPC)  
AL BA MK RS

DOCDB simple family (publication)  
**WO 2009034495 A1 20090319**; AU 2008299400 A1 20090319; CN 101801801 A 20100811; EP 2197756 A1 20100623; EP 2197756 A4 20110330; JP 2010538922 A 20101216; KR 101149583 B1 20120529; KR 20100053686 A 20100520; MY 142433 A 20101130; US 2010224103 A1 20100909

DOCDB simple family (application)  
**IB 2008053439 W 20080827**; AU 2008299400 A 20080827; CN 200880108176 A 20080827; EP 08807448 A 20080827; JP 2010524605 A 20080827; KR 20107007784 A 20080827; MY PI20071539 A 20070914; US 73368708 A 20080827