

Title (en)
PALLET

Title (de)
PALETTE

Title (fr)
PALETTE

Publication
EP 1048578 A1 20001102 (EN)

Application
EP 97946148 A 19971208

Priority
JP 9704495 W 19971208

Abstract (en)
The pallet of the present invention is made of a sheet of corrugated cardboard as its material. A W-structure material comprising fork insertion openings and folding lines is folded into a W-structure. Auxiliary members are inserted into the respective openings of that W-structure. After ridge cross sections of the W-structure are coated with adhesive, the W-structure is inserted between a top board and a bottom board to be fixed between them. Further, side wall flaps connected to the top board and bottom board are bent and corresponding side wall flaps of the top board and bottom board are fixed with adhesive, to form the pallet of the present invention. The pallet having the W-structure of the present invention has superior characteristics in its pressure capacity of course, and with respect to flexural strength, shear strength, and unbalanced load, in which many pallets of corrugated cardboard have weak points. Further, strengths and size can be optionally decided. Owing to its lightweight and simple structure, the production cost of the pallet of the present invention is cheap. <IMAGE>

IPC 1-7
B65D 19/34; **B65D 19/20**

IPC 8 full level
B65D 19/00 (2006.01); **B65D 19/20** (2006.01); **B65D 19/34** (2006.01)

CPC (source: EP)
B65D 19/0012 (2013.01); **B65D 19/20** (2013.01); **B65D 2519/00019** (2013.01); **B65D 2519/00024** (2013.01); **B65D 2519/00029** (2013.01); **B65D 2519/00034** (2013.01); **B65D 2519/00044** (2013.01); **B65D 2519/00054** (2013.01); **B65D 2519/00059** (2013.01); **B65D 2519/00064** (2013.01); **B65D 2519/00069** (2013.01); **B65D 2519/00079** (2013.01); **B65D 2519/00089** (2013.01); **B65D 2519/00094** (2013.01); **B65D 2519/00099** (2013.01); **B65D 2519/00104** (2013.01); **B65D 2519/00114** (2013.01); **B65D 2519/00159** (2013.01); **B65D 2519/00194** (2013.01); **B65D 2519/00273** (2013.01); **B65D 2519/00278** (2013.01); **B65D 2519/00288** (2013.01); **B65D 2519/00318** (2013.01); **B65D 2519/00343** (2013.01); **B65D 2519/00373** (2013.01); **B65D 2519/00388** (2013.01); **B65D 2519/00393** (2013.01); **B65D 2519/00497** (2013.01); **B65D 2519/00557** (2013.01); **B65D 2519/00562** (2013.01); **B65D 2519/00567** (2013.01); **B65D 2519/00711** (2013.01)

Citation (search report)
See references of WO 9929579A1

Cited by
WO2015009183A1

Designated contracting state (EPC)
DE GB

DOCDB simple family (publication)
WO 9929579 A1 19990617; AU 5138598 A 19990628; EP 1048578 A1 20001102

DOCDB simple family (application)
JP 9704495 W 19971208; AU 5138598 A 19971208; EP 97946148 A 19971208