

Title (en)
PALLET AND METHOD FOR MANUFACTURING THE SAME

Title (de)
PALETTE UND HERSTELLUNGSVERFAHREN DAFÜR

Title (fr)
PALETTE ET PROCÉDÉ DE FABRICATION

Publication
EP 1755968 A1 20070228 (EN)

Application
EP 05722357 A 20050401

Priority
• SG 2005000110 W 20050401
• SG 2004036695 A 20040611

Abstract (en)
[origin: WO2005120967A1] A pallet and a method for manufacturing the same are provided. The pallet comprises a pallet body, a skid to reinforce the pallet body and means to interlock the pallet body and the skid. The pallet body and the skid are moulded from a mouldable composition comprising between about 40 to 60 wt % of a fibre mixture and between about 15 to 45 wt % of an adhesive. The method for manufacturing the pallet begins by preparing the mouldable composition. A mould cavity is loaded with the mouldable composition up to about 90 % of the capacity of the mould cavity before applying a packing pressure of between about 435 to 870 psi to the mouldable composition. A predetermined clearance of between about 0.1 to 0.5 mm is maintained between a first mould part defining the mould cavity and a second mould part. A moulded product is removed from the mould cavity when the mouldable composition is substantially cured.

IPC 8 full level
B65D 19/00 (2006.01); **B29C 43/36** (2006.01); **B29C 70/46** (2006.01); **B65D 65/46** (2006.01)

CPC (source: EP KR US)
B29C 43/36 (2013.01 - EP US); **B29C 70/46** (2013.01 - EP US); **B65D 19/00** (2013.01 - KR); **B65D 19/0016** (2013.01 - EP US); **B65D 65/466** (2013.01 - EP US); **B29C 2043/3255** (2013.01 - EP US); **B29C 2043/5816** (2013.01 - EP US); **B29C 2043/5841** (2013.01 - EP US); **B29K 2105/26** (2013.01 - EP US); **B29K 2311/14** (2013.01 - EP US); **B29K 2995/006** (2013.01 - EP US); **B29L 2031/7178** (2013.01 - EP US); **B65D 2519/00039** (2013.01 - EP US); **B65D 2519/00079** (2013.01 - EP US); **B65D 2519/00273** (2013.01 - EP US); **B65D 2519/00288** (2013.01 - EP US); **B65D 2519/00318** (2013.01 - EP US); **B65D 2519/00343** (2013.01 - EP US); **B65D 2519/00363** (2013.01 - EP US); **B65D 2519/00567** (2013.01 - EP US); **B65D 2519/0094** (2013.01 - EP US)

Cited by
CN102172955A

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)
WO 2005120967 A1 20051222; AU 2005252152 A1 20051222; BR PI0511983 A 20080122; CA 2570670 A1 20051222; CN 1997558 A 20070711; CN 1997558 B 20120613; EP 1755968 A1 20070228; EP 1755968 A4 20080514; JP 2008502554 A 20080131; KR 100924484 B1 20091103; KR 20070029195 A 20070313; MX PA06013459 A 20070504; MY 142254 A 20101115; NZ 551201 A 20090531; SG 149671 A1 20090227; TW 200540070 A 20051216; TW I269758 B 20070101; US 2007204769 A1 20070906

DOCDB simple family (application)
SG 2005000110 W 20050401; AU 2005252152 A 20050401; BR PI0511983 A 20050401; CA 2570670 A 20050401; CN 200580019089 A 20050401; EP 05722357 A 20050401; JP 2007527144 A 20050401; KR 20067026128 A 20050401; MX PA06013459 A 20050401; MY PI20052251 A 20050518; NZ 55120105 A 20050401; SG 2004036695 A 20040611; TW 94115965 A 20050517; US 62884005 A 20050401