

Title (en)
Transport box made from plastics material for heavy weight goods

Title (de)
Transportkasten aus Kunststoff für schweres Transportgut

Title (fr)
Caisse de transport en matière plastique pour marchandises lourdes

Publication
EP 1582470 A3 20051012 (DE)

Application
EP 04029424 A 20041213

Priority
DE 102004008990 A 20040221

Abstract (en)
[origin: EP1582470A2] The transporting case of plastic for heavy loads has a bottom (1) consisting of four trapezoidal shaped surfaces (5,6) and a rectangular surface located centrally between them, with the trapezoidal surfaces including with the rectangular surface and side walls (2) of the case an obtuse angle greater than 90 degrees. The trapezoidal surfaces on their underside carry ribs (8) perpendicular to the side walls and extending and tapering from the side walls to the rectangular surface. The ribs extending perpendicularly to the side walls are connected to at least one diagonally extending rib (7) located in the boundary regions between the trapezoidal surfaces.

IPC 1-7
B65D 1/22; B65D 1/42; B65D 81/26

IPC 8 full level
B65D 1/22 (2006.01); **B65D 1/42** (2006.01); **B65D 81/26** (2006.01)

CPC (source: EP)
B65D 1/22 (2013.01); **B65D 1/42** (2013.01); **B65D 81/261** (2013.01)

Citation (search report)

- [YA] DE 29817244 U1 19990128 - LINPAC STUCKI KUNSTOFFVERARBEI [DE]
- [Y] US 5332115 A 19940726 - SCHAEFER GERHARD [DE]
- [Y] DE 1941280 U 19660623 - WIVA NV [NL]
- [Y] US 2002195454 A1 20021226 - SCHAFER GERHARD [DE]
- [A] DE 29615303 U1 19961031 - UTZ GEORG HOLDING AG [CH]
- [PX] DE 202004002865 U1 20040729 - LINPAC MATERIALS HANDLING GERMANY GMBH [DE]

Cited by
DE102007029532A1; DE102007029532B4

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)
EP 1582470 A2 20051005; EP 1582470 A3 20051012; EP 1582470 B1 20080806; AT E403608 T1 20080815; DE 102004008990 A1 20051110; DE 502004007772 D1 20080918; DK 1582470 T3 20081215; ES 2314331 T3 20090316; PL 1582470 T3 20090331

DOCDB simple family (application)
EP 04029424 A 20041213; AT 04029424 T 20041213; DE 102004008990 A 20040221; DE 502004007772 T 20041213; DK 04029424 T 20041213; ES 04029424 T 20041213; PL 04029424 T 20041213