

Title (en)
COLLAPSIBLE CONTAINER

Publication
EP 0281422 B1 19920617 (EN)

Application
EP 88301937 A 19880304

Priority
US 2299687 A 19870306

Abstract (en)
[origin: EP0281422A2] A foldable container assembly (10) includes a base (12) having a plurality of sides (14, 16, 18, 20). A wall hinge (24) interconnects each of the side walls (14, 16, 18, 20) to the base (12) with the wall hinge (24) for a first side wall (14) being in a vertically spaced horizontal plane from the wall hinge (24) for a second side wall (16) for folding the first and second side walls (14, 16) over the base (12) and into overlapping vertically spaced relationship to one another. The base (12) is generally convex and includes a rigid top member (80) and a corner support element (86) near each corner of the top member (80), perimeter support element (88) near the perimeter of the top member (80) about midway between adjacent pairs of corner support elements (86), and a center support element (90) near the center of the top member (80). The corner support element (86) and the perimeter support elements (88) define a pair of forked channels for receiving and guiding the forks of a forked lift for mechanically raising and lowering the container assembly (10). A strip member (94) interconnects the corner (86), perimeter (88) and center (90) support elements to form a bottom member. The strip member (94) includes a flange (96) along one edge thereof extending downwardly and outwardly from the strip member (94) for abutting the interior edge of the side walls (14, 16, 18, 20) in the vertical position for vertically stacking the container assemblies (10) one upon another.

IPC 1-7
B65D 6/16; **B65D 88/52**

IPC 8 full level
B65D 6/16 (2006.01); **B65D 19/18** (2006.01); **B65D 25/00** (2006.01)

CPC (source: EP)
B65D 19/18 (2013.01); **B65D 25/005** (2013.01); **B65D 2519/00034** (2013.01); **B65D 2519/00069** (2013.01); **B65D 2519/00174** (2013.01); **B65D 2519/00422** (2013.01); **B65D 2519/00502** (2013.01); **B65D 2519/00611** (2013.01); **B65D 2519/00656** (2013.01); **B65D 2519/00661** (2013.01); **B65D 2519/00805** (2013.01); **B65D 2519/009** (2013.01); **B65D 2519/00975** (2013.01)

Cited by
FR2686061A1; RU2493072C2; EP0485672A1; EP0385914A3; CN102502125A; GB2359803A; GB2359803B; AU2005232974B2; EP1737737A4; EP3393231A4; WO03055753A1; WO2010052599A1; US9403621B2

Designated contracting state (EPC)
DE FR GB IT

DOCDB simple family (publication)
EP 0281422 A2 19880907; **EP 0281422 A3 19890208**; **EP 0281422 B1 19920617**; CA 1319118 C 19930615; DE 3871993 D1 19920723; DE 3871993 T2 19921203

DOCDB simple family (application)
EP 88301937 A 19880304; CA 560289 A 19880302; DE 3871993 T 19880304