

Title (en)
Refoldable container and blank therefore

Title (de)
Wieder zusammenfaltbare Verpackung und Zuschnitt hierfür

Title (fr)
Emballage repliable et flan pour ce dernier

Publication
EP 1477409 A1 20041117 (EN)

Application
EP 03447108 A 20030513

Priority
EP 03447108 A 20030513

Abstract (en)
The present invention relates to a refoldable container comprising an open top face (21), a bottom wall (1), and at least one upright side wall (2-5): Subsequent side walls (5, 2; 2, 3; 3, 4; 4, 5) are connected by pairs of adjacent first and second gusset panels (6, 6'; 7, 7'; 8, 8'; 9, 9'). A part of the adjacent first and second gusset panels (6, 6'; 7, 7'; 8, 8'; 9, 9') are partly connected by a pair of adjacent third and fourth gusset panels (16, 16'; 17, 17'; 18, 18'; 19, 19'). The first (6-9) and second (6'-9') gusset panel, respectively the third (16-19) and fourth (16'-19') gusset panels, are double folded so that the inner faces of the first (6-9) and second (6'-9'), respectively third (16-19) and fourth (16'-19') gusset panels, face each other, and a flap portion (66-69) is formed. The flap portion (66-69) comprises a first flap portion (66'-69') comprising the facing first (6-9) and second (6'-9') gusset panels and a second flap portion (66''-69'') comprising the facing third (16-19) and fourth (16'-19') gusset panels. The first flap portions (66'-69') are folded so as to lie with an outer face against a facing outer face of an associated side wall (2-5) adjacent the first (6-9) or second (6'-9') gusset panels, the second flap portions (66''-69'') are folded so as to lie with an outer face against an outer face of a subsequent first flap portion (66'-69'), At least one of the third (16-19) and fourth (16'-19') gusset panels is connected to a lip (16''-19'') extending from the second flap portion (66''-69'') along a sixth folding line (46-49) between the third (16-19) or fourth (16'-19') gusset panel and the lip, the lip (16''-19'') being positioned between the outer face of a subsequent first flap portion (66'-69') facing a further side wall (3-5) and the outer face of that further side wall (3-5).
<IMAGE>

IPC 1-7
B65D 5/24

IPC 8 full level
B65D 5/24 (2006.01)

CPC (source: EP)
B65D 5/247 (2013.01)

Citation (search report)

- [DA] GB 530989 A 19401227 - JOHN RALPH SIMMONS, et al
- [A] US 2630263 A 19530303 - RINGLER WILLIAM A
- [A] US 1046945 A 19121210 - BAUER FRED W [US], et al
- [A] US 1369634 A 19210222 - JACK DON
- [A] US 3289914 A 19661206 - FERDINAND LANGE-WIEHE
- [A] US 3054550 A 19620918 - COMSTOCK ALFRED E

Cited by
US8188308B2; WO2020231278A3

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

DOCDB simple family (publication)
EP 1477409 A1 20041117

DOCDB simple family (application)
EP 03447108 A 20030513