

Title (en)

Top gripping article carrier.

Title (de)

Das Oberteil umfassender Artikelträger.

Title (fr)

Porte-objets engageant les sommets d'articles.

Publication

EP 0428354 A1 19910522 (EN)

Application

EP 90312317 A 19901112

Priority

GB 8925557 A 19891111

Abstract (en)

An article carrier (C) of the top gripping type comprising a tray like structure which is adapted to be applied in inverted condition to the tops of bottles (B). The carrier has a top panel (12) formed with apertures (a) which receive and retain the bottles, a pair of side wall panels (14, 16) and a pair of end wall panels (22, 24) depending from the top wall panel. Gusset panels (30, 32) are interposed between each of the end wall panels and the side wall panels of the carrier to allow corner portions of the tray like structure to conform more closely to the endmost articles to be carried. The carrier is maintained in its erected tray like form by cooperation between the corner gusset panels and upper portions of the bottles held in the carrier adjacent thereto.

IPC 1-7

B65D 71/00

IPC 8 full level

B65D 67/02 (2006.01); **B65D 71/42** (2006.01)

CPC (source: EP KR)

B65D 71/00 (2013.01 - KR); **B65D 71/42** (2013.01 - EP)

Citation (search report)

- [AD] EP 0188327 A2 19860723 - MEAD CORP [US]
- [AD] EP 0189328 A2 19860730 - MEAD CORP [US]

Cited by

GB2278332A; CN105151523A; EP1301414A4; US5598920A; US8464866B2; WO9314993A1; WO2023150594A1; WO9418089A1; WO2005087609A1; US8353398B2; US9776750B2; US10766644B2; WO2022212623A1

Designated contracting state (EPC)

ES FR IT

DOCDB simple family (publication)

EP 0428354 A1 19910522; EP 0428354 B1 19970716; BR 9005701 A 19910917; ES 2103268 T3 19970916; GB 2238285 A 19910529; GB 2238285 B 19940720; GB 8925557 D0 19900104; JP 3053858 B2 20000619; JP H03176374 A 19910731; KR 100196116 B1 19990615; KR 910009534 A 19910628; MX 173339 B 19940217; MY 105307 A 19940930

DOCDB simple family (application)

EP 90312317 A 19901112; BR 9005701 A 19901109; ES 90312317 T 19901112; GB 8925557 A 19891111; JP 30696690 A 19901113; KR 900018225 A 19901110; MX 2327790 A 19901109; MY PI19901986 A 19901110