

Title (en)

PACKAGING UNIT FOR BEVERAGES AND EXTERNAL PACKAGING FOR THE SAME

Title (de)

VERPACKUNGSEINHEIT FÜR GETRÄNKE UND UMVERPACKUNG FÜR DIESE

Title (fr)

UNITE D'EMBALLAGE POUR BOISSONS, ET EMBALLAGE EXTERNE CORRESPONDANT

Publication

**EP 1615826 A2 20060118 (DE)**

Application

**EP 04728796 A 20040422**

Priority

- EP 2004004285 W 20040422
- DE 10318195 A 20030422

Abstract (en)

[origin: WO2004094246A2] The invention relates to an external packaging (1) for beverage containers, particularly cans or bottles, for mutually transporting a number of beverage containers, and to the packaging units created therewith. The external packaging has a number of seat areas (5, 6) for the beverage containers and is made of plastic. The external packaging (1) is formed with the seat areas (5, 6) in such a manner that the beverage containers are held in the seat areas by elastically tensioning at least portions of the external packaging and/or by the reciprocal support provided by the adjacent beverage containers with simultaneous support provided by portions of the outer edge (2) of the external packaging (1), and the external packaging is dimensionally stable on its own at least in partial areas.

IPC 1-7

**B65D 1/24**

IPC 8 full level

**B65D 1/22** (2006.01); **B65D 71/50** (2006.01); **B65D 71/70** (2006.01)

CPC (source: EP)

**B65D 1/225** (2013.01); **B65D 71/50** (2013.01); **B65D 71/70** (2013.01); **B65D 2501/24019** (2013.01); **B65D 2501/24057** (2013.01);  
**B65D 2501/24108** (2013.01); **B65D 2501/24127** (2013.01); **B65D 2501/24152** (2013.01); **B65D 2501/2421** (2013.01); **B65D 2501/24261** (2013.01);  
**B65D 2501/2428** (2013.01); **B65D 2501/2435** (2013.01); **B65D 2501/24522** (2013.01); **B65D 2501/24528** (2013.01); **B65D 2501/24859** (2013.01)

Citation (search report)

See references of WO 2004094246A2

Designated contracting state (EPC)

BE DE ES FR IT NL

DOCDB simple family (publication)

**WO 2004094246 A2 20041104; WO 2004094246 A3 20050324;** DE 10318195 A1 20041111; EP 1615826 A2 20060118

DOCDB simple family (application)

**EP 2004004285 W 20040422;** DE 10318195 A 20030422; EP 04728796 A 20040422