

Title (en)

LONG TERM STABILITY OF FILLINGS IN A TWO PIECE BEVERAGE CONTAINER

Title (de)

LANGZEITSTABILITÄT EINES FÜLLGUTS IN EINER ZWEITEILIGEN GETRÄNKEDOSE

Title (fr)

STABILITE A LONG TERME D'UNE SUBSTANCE DE REMPLISSAGE CONTENUE DANS UNE BOITE-BOISSON EN DEUX PARTIES

Publication

EP 1333945 B1 20060111 (DE)

Application

EP 01996439 A 20011119

Priority

- DE 0104295 W 20011119
- DE 10057142 A 20001117

Abstract (en)

[origin: WO0240192A1] The aim of the invention is to improve the long term stability of fillings in two piece containers. Said aim is achieved by means of a method for the production of container bodies (1) with at least one coating layer (40, 39) on an essentially internal surface (6) of the body (1). Said body comprises a centre section (9, 19), a base section (10; 11, 12) and an upper boundary section (1v; 7) suitable for the production of a folding section as the fold producing section. The fluid which produces the coating layer (40, 39) is applied in an application process, in an adhesive manner to the surface (6, 6a) essentially facing inwards, by using a pre-determined volume of the fluid. The distribution of said volume on the surfaces of centre section, base section, and upper edge section occurs such that on retaining a minimum thickness (d0) on the surfaces of the centre and base sections, a proportion of the volume of the adhesive fluid arrives at the fold forming region (1a, 1b, 1k, 1v), such that, along a surface section (1b, 1k), a minimum thickness (d) of the coating layer (40; 41, 42, 43) is achieved which is not less than the actual minimum achieved thickness of the coating layer (39) in the centre section (9).

IPC 8 full level

B21D 51/32 (2006.01)

CPC (source: EP)

B21D 51/32 (2013.01)

Designated contracting state (EPC)

DE FR GB IT NL

DOCDB simple family (publication)

WO 0240192 A1 20020523; AU 1585502 A 20020527; DE 10194904 D2 20031106; DE 50108708 D1 20060406; EP 1333945 A1 20030813; EP 1333945 B1 20060111

DOCDB simple family (application)

DE 0104295 W 20011119; AU 1585502 A 20011119; DE 10194904 T 20011119; DE 50108708 T 20011119; EP 01996439 A 20011119