

Title (en)

METHOD AND APPARATUS FOR REFORMING CAN BOTTOM TO PROVIDE IMPROVED STRENGTH

Title (de)

VERFAHREN UND VORRICHTUNG ZUM REFORMIEREN VON DOSENBODEN ZUM VERSTÄRKEN DER FESTIGKEIT

Title (fr)

PROCEDE ET APPAREIL DE REFORMAGE DU FOND D'UNE BOITE AFIN D'AMELIORER LA RESISTANCE

Publication

**EP 0596016 B1 19961023 (EN)**

Application

**EP 92916852 A 19920727**

Priority

- US 9206198 W 19920727
- US 73599491 A 19910725

Abstract (en)

[origin: WO9301903A1] A method and apparatus for reforming the bottom of a container (20) and a container made by that method is disclosed. The container for which this method and apparatus are suitable has an outer annular wall (26); a convex U-shaped portion (28); a preformed bottom wall (30), including a center domed portion (32); and an annular wall (34) joining the domed portion and the convex U-shaped portion. The method comprises supporting the bottom peripheral profile portion and bringing a reforming means (36) into engagement with the annular wall. The reforming means is brought to bear against the annular wall to rework the annular wall. The reforming means can also reform the outer annular wall.

IPC 1-7

**B21D 51/26**

IPC 8 full level

**B21D 28/30** (2006.01); **B21D 51/26** (2006.01); **B65D 1/16** (2006.01)

CPC (source: EP)

**B21D 22/30** (2013.01); **B21D 51/26** (2013.01); **B65D 1/165** (2013.01)

Designated contracting state (EPC)

AT BE CH DE DK ES FR GB GR IT LI LU MC NL SE

DOCDB simple family (publication)

**WO 9301903 A1 19930204**; AT E144444 T1 19961115; AU 3320093 A 19930223; AU 667208 B2 19960314; CA 2112975 A1 19930204; CA 2112975 C 20020723; DE 69214821 D1 19961128; DE 69214821 T2 19970528; EP 0596016 A1 19940511; EP 0596016 A4 19941207; EP 0596016 B1 19961023; ES 2094364 T3 19970116; GR 3021525 T3 19970131; JP 3519734 B2 20040419; JP H06509513 A 19941027; KR 100260999 B1 20000701

DOCDB simple family (application)

**US 9206198 W 19920727**; AT 92916852 T 19920727; AU 3320093 A 19920727; CA 2112975 A 19920727; DE 69214821 T 19920727; EP 92916852 A 19920727; ES 92916852 T 19920727; GR 960402888 T 19961031; JP 50307393 A 19920727; KR 930704027 A 19931224