

Title (en)  
APPARATUS AND METHOD FOR DEFORMING OF SHEET MATERIAL

Title (de)  
VERFAHREN UND VORRICHTUNG ZUM VERFORMEN VON FOLIENMATERIAL

Title (fr)  
APPAREIL ET PROCEDE

Publication  
**EP 1444087 A2 20040811 (EN)**

Application  
**EP 02785603 A 20021115**

Priority  
• GB 0205164 W 20021115  
• IT MO20010219 A 20011115

Abstract (en)  
[origin: WO03041946A2] An apparatus for forming sheet material in order to obtain containers comprises conveying means arranged for advancing the sheet material, a welding unit arranged for welding the sheet material along peripheral edges of the containers to be formed, a forming unit arranged for forming the sheet material in order to obtain the containers, at least one of said units being mounted on guiding means so that it is possible to adjust the longitudinal position of the at least one unit with respect to the other unit(s).

IPC 1-7  
**B29C 65/00**

IPC 8 full level  
**B29C 49/00** (2006.01); **B29C 49/56** (2006.01); **B29C 51/38** (2006.01); **B65B 9/04** (2006.01); **B65B 47/04** (2006.01); **B65B 59/04** (2006.01)

CPC (source: EP US)  
**B29C 49/0691** (2022.05 - EP US); **B29C 49/56** (2013.01 - EP US); **B29C 51/38** (2013.01 - EP US); **B65B 9/042** (2013.01 - EP US); **B65B 47/04** (2013.01 - EP US); **B65B 59/04** (2013.01 - EP US)

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

DOCDB simple family (publication)  
**WO 03041946 A2 20030522**; **WO 03041946 A3 20031218**; AU 2002350889 A1 20030526; CN 100400382 C 20080709; CN 101323082 A 20081217; CN 101323379 A 20081217; CN 1615242 A 20050511; EP 1444087 A2 20040811; IT MO20010219 A0 20011115; IT MO20010219 A1 20030515; US 2005120680 A1 20050609

DOCDB simple family (application)  
**GB 0205164 W 20021115**; AU 2002350889 A 20021115; CN 02827162 A 20021115; CN 200810098527 A 20021115; CN 200810098528 A 20021115; EP 02785603 A 20021115; IT MO20010219 A 20011115; US 49556504 A 20041115