

Title (en)

METHOD AND APPARATUS FOR FORMING SHAPED ARTICLES FROM SHEET MATERIAL

Title (de)

VERFAHREN UND VORRICHTUNG ZUR BILDUNG VON FORMKÖRPERN AUS FLÄCHENMATERIAL

Title (fr)

PROCÉDÉ ET APPAREIL POUR LA FORMATION D'ARTICLES PROFILÉS À PARTIR D'UNE MATIÈRE EN FEUILLE

Publication

**EP 2367766 A1 20110928 (EN)**

Application

**EP 08875801 A 20081126**

Priority

IB 2008003701 W 20081126

Abstract (en)

[origin: WO2010061238A1] The invention concerns a method and an apparatus for making shaped articles. The apparatus includes a container (102) having at least one vacuum port (108) and a surface (124) for receiving a sheet of glass-based material (130). At least one positive mold (116) is supported in the container (102), where the at least one positive mold (116) has an exterior surface (118) including a profile defining an interior of a shaped article. An open volume (115) is defined between the container and the at least one positive mold and is in communication with the vacuum port. The method comprises providing an array of positive molds (116) and sagging the sheet (130) onto the surfaces (118) of the molds to form an array of shaped articles interconnected by sagging webs, said webs extending below a base of the array of shaped articles.

IPC 8 full level

**C03B 23/035** (2006.01)

CPC (source: EP KR)

**C03B 23/03** (2013.01 - KR); **C03B 23/035** (2013.01 - KR); **C03B 23/0357** (2013.01 - EP); **C03B 25/00** (2013.01 - KR)

Citation (search report)

See references of WO 2010061238A1

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MT NL NO PL PT RO SE SI SK TR

DOCDB simple family (publication)

**WO 2010061238 A1 20100603**; CN 102264658 A 20111130; EP 2367766 A1 20110928; JP 2012509838 A 20120426; KR 20110106321 A 20110928

DOCDB simple family (application)

**IB 2008003701 W 20081126**; CN 200880132615 A 20081126; EP 08875801 A 20081126; JP 2011538061 A 20081126; KR 20117014712 A 20081126