

Title (en)

A method and apparatus for manufacturing discrete elements, the discrete elements and a method and apparatus for applying the discrete elements.

Title (de)

Verfahren und Vorrichtung zur Anfertigung einzelner Elemente, einzelne Elemente, Verfahren und Apparat zu deren Befestigung.

Title (fr)

Procédé et dispositif pour la fabrication d'éléments discrets, les éléments discrets et procédé ainsi qu'appareil pour leur application.

Publication

**EP 0287695 A1 19881026 (EN)**

Application

**EP 87105899 A 19870422**

Priority

EP 87105899 A 19870422

Abstract (en)

The method of this embodiment includes passing an element sheet (81) from which said elements are to be formed along a first path of travel (82) passing a carrier sheet (91) along a second path of travel (92) spaced from the first path of travel in a first course and retained in substantial facing engagement with the element sheet in a second course; applying adhesive to one of the sheets prior to the second course in discrete zones individually having positions corresponding to the positions of the planar elements to be formed; and cutting the element sheet in the second course outwardly of the discrete zones of adhesive to form discrete elements adhesively borne by the carrier sheet.

IPC 1-7

**B31D 1/02**; G09F 3/02

IPC 8 full level

**B31D 1/02** (2006.01)

CPC (source: EP)

**B31D 1/021** (2013.01)

Citation (search report)

- US 4359358 A 19821116 - HATTEMER JAMES C
- US 2304787 A 19421215 - STANTON AVERY RAY
- WO 8504368 A1 19851010 - HUNKELER AG JOS [CH]
- GB 1040248 A 19660824 - CLINTON WILLIAM D, et al
- US 3754026 A 19730821 - BEYLEVELD W, et al
- US 2303346 A 19421201 - FLOOD CARL A
- FR 2282134 A1 19760312 - WALLIS CHRISTOPHER [GB]
- US 2220071 A 19401105 - STANTON AVERY RAY
- US 3783783 A 19740108 - HAMISCH P

Cited by

CN112512934A; EP0384891A1; GB2232141A; GB2232141B; US5584955A; EP0688008A1; US5827389A; US5989707A; US6085818A; EP4129641A1; US6730396B2

Designated contracting state (EPC)

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

DOCDB simple family (publication)

**EP 0287695 A1 19881026**

DOCDB simple family (application)

**EP 87105899 A 19870422**