

**CPC****COOPERATIVE PATENT CLASSIFICATION****B31D**

**MAKING OTHER PAPER ARTICLES** ( manufacture by dry processes of articles made from particles or fibres consisting of wood or other lignocellulosic material [B27N](#); making layered products not composed wholly of paper or cardboard [B32B](#); making cardboard or paper [D21F](#), [D21H](#); making articles from wood pulp [D21J](#) )

**NOTE**

This subclass covers the making, otherwise than by winding, of articles other than boxes, cartons, envelopes, bags, and tubes from paper, other than from paper pulp.

**B31D 1/00**

**Multiple-step processes for making flat articles;** { Making flat articles }

**B31D 1/0006**

. { the articles being coffee filters }

**B31D 1/0012**

. { the articles being mounting corners for photographs or cards }

**B31D 1/0018**

. { the articles being pull-tab closure discs for bottles, jars or like containers }

**B31D 1/0025**

. { Making articles having embedded wires ( [B31D 1/024](#) takes precedence ) }

**B31D 1/0031**

. { the articles being paper nettings, e.g. by slitting and expanding webs or sheets }

**B31D 1/0037**

. { the articles being toilet seat covers ( toilet seat covers per se [A47K 13/14](#) ) }

**B31D 1/0043**

. { the articles being box parts not otherwise provided for }

**B31D 1/005**

.. { making bottoms or caps }

**B31D 1/0056**

. { the articles being package fasteners, e.g. tubular bands }

**B31D 1/0062**

. { the articles being adhesive strips or tape }

**B31D 1/0068**

. { the articles being saucer or beerglass pads, liners for closing caps or similar articles }

**B31D 1/0075**

. { by assembling, e.g. by laminating ( [B31D 1/0012](#) to [B31D 1/0068](#) take precedence ) }

**B31D 1/0081**

.. { by attaching individual objects to webs or sheets }

**B31D 1/0087**

... { the webs or sheets being provided with apertures for the objects e.g. with means for making the apertures }

**B31D 1/0093**

. { involving impregnating }

**B31D 1/02**

. the articles being labels or tags ( means and processes for attaching threads [D05](#) )

**NOTE**

Attaching threads to labels or tags is classified in group [B31D 1/02](#), e.g. [B31D 1/023](#)

- B31D 1/021 .. { Making adhesive labels having a multilayered structure, e.g. provided on carrier webs }
- B31D 1/022 .. { Label folding }
- B31D 1/023 .. { Attaching wires or threads }
- B31D 1/024 ... { to labels or tags composed of two layers, the wire or thread being embedded between them }
- B31D 1/025 .. { Applying patches, washers or reinforcements }
- B31D 1/026 .. { Cutting or perforating ( [B31D 1/02B1](#), [B31D 1/022](#) take precedence ) }
- B31D 1/027 .. { involving, marking, printing or coding }
- B31D 1/028 .. { Applying RFID chips }
  
- B31D 1/04 . the articles being napkins, handkerchiefs, towels, doilies, or the like
  
- B31D 1/06 . the articles being handles
- B31D 1/065 .. { the articles being parcel carriers }
  
- B31D 3/00** **Making articles of cellular structure, e.g. insulating board**
  
- B31D 3/002 . { Methods for making cellular structures; Cellular structures ( [B31D 3/005](#) takes precedence ) }
  
- B31D 3/005 . { Making cellular structures from corrugated webs or sheets }
- B31D 3/007 .. { by cutting corrugated webs longitudinally into strips, piling these strips and uniting them }
  
- B31D 3/02 . Honeycombed structures { i.e. the cells having an essentially hexagonal section }
- B31D 3/0207 .. { of particular shape or construction }
- B31D 3/0215 ... { for window coverings }
- B31D 3/0223 .. { Making honeycomb cores, e.g. by piling a plurality of web sections or sheets }
- B31D 3/023 ... { by cutting webs longitudinally into strips, piling these strips and uniting them along lines perpendicular to the cuts }
- B31D 3/0238 .... { involving laminating the expanded core }
- B31D 3/0246 ... { Plane webs having essentially longitudinal adhesive strips being folded transversely into stacks or being cut transversely into sections which are piled, e.g. zigzag-folding the webs preceding the cutting }
- B31D 3/0253 .... { involving laminating the expanded core }
- B31D 3/0261 .... { by applying longitudinal adhesive strips to the web and zig-zag folding the strips transversely }
- B31D 3/0269 ... { Forming piles by winding a web on a reel ( [B31D 3/0215](#) takes precedence ) }
- B31D 3/0276 ... { Plane webs having essentially transverse adhesive strips being folded transversely into stacks or being cut transversely into sections which are piled }
- B31D 3/0284 .. { Laminating honeycomb cores; applying cover sheets to core edges; working core edges }
- B31D 3/0292 .. { involving auxiliary operations, e.g. expanding, moistening, glue-applying, joining, controlling }
  
- B31D 3/04 . cellular packaging articles, e.g. for bottles ( ( [making box position inserts B31B 11/00](#) ) )

**B31D 5/00**

**Multiple-step processes for making three-dimensional articles;** { Making three-dimensional articles } ( assembly { or manufacture } of garlands [A41G 1/04](#); making receptacles or containers [B31B](#); making tubes [B31B](#), [B31C](#) )

**NOTE**

Making drinking straws is classified in group [B31D 5/00](#), e.g. **[B31D 5/00J](#)**

- [B31D 5/0004](#) . { for making inserts, e.g. partitions, for boxes }
- [B31D 5/0008](#) .. { the inserts having recesses for holding ampoules }
- [B31D 5/0013](#) .. { the inserts having interengaged slotted panels }
- [B31D 5/0017](#) ... { involving folding one of the panels into an U-shape }
- [B31D 5/0021](#) .. { the inserts having the form of a tray }
- [B31D 5/0026](#) .. { involving collapsing or stacking the inserts }
- [B31D 5/003](#) .. { the inserts being egg carton fillers }
  
- [B31D 5/0034](#) . { for making valve inserts for bags }
  
- [B31D 5/0039](#) . { for making dunnage or cushion pads }
- [B31D 5/0043](#) .. { including crumpling flat material }
- [B31D 5/0047](#) ... { involving toothed wheels }
- [B31D 5/0052](#) ... { involving rollers }
- [B31D 5/0056](#) ... { involving belts }
- [B31D 5/006](#) .. { including controlled deformation of flat material, e.g. pleating, corrugating or embossing ( including crumpling flat material [B31D 5/0043](#) ) }
- [B31D 5/0065](#) .. { including slitting and expanding flat material }
- [B31D 5/0069](#) .. { including forming or transforming three-dimensional material, e.g. corrugated webs or material of cellular structure ( making articles of cellular structure [B31D 3/00](#), corrugating paper or cardboard [B31F 1/20](#) ) }
  
- [B31D 5/0073](#) .. { including pillow forming }
- [B31D 5/0078](#) ... { and filling with a material other than air or gas }
  
- [B31D 5/0082](#) . { Making filter elements, e.g. pleated }
  
- [B31D 5/0086](#) . { Making hollow objects ( [B31D 5/0082](#), [B31D 5/0095](#), [B31D 5/02](#), [B31D 5/04](#) take precedence ) }
  
- [B31D 5/0091](#) . { Making paper sticks ( involving winding [B31C](#) ) }
  
- [B31D 5/0095](#) . { Making drinking straws }
  
- [B31D 5/02](#) . including pressing
  
- [B31D 5/04](#) . including folding or pleating, e.g. Chinese lanterns including folding or pleating, e.g. Chinese lanterns { ( [B31D 5/0039](#) takes precedence ) }

**B31D 99/00**

**Subject matter not provided for in other groups of this subclass**

**B31D 2201/00      Multiple-step processes for making flat articles**

B31D 2201/02      .    the articles being labels or tags

**B31D 2205/00      Multiple-step processes for making three-dimensional articles**

B31D 2205/0005      .    for making dunnage or cushion pads

B31D 2205/0011      . .    including particular additional operations

B31D 2205/0017      . . .    Providing stock material in a particular form

B31D 2205/0023      . . . .    as web from a roll

B31D 2205/0029      . . . . .    unwound from inside

B31D 2205/0035      . . . .    as fan folded web

B31D 2205/0041      . . . .    as individual sheets from a pile

B31D 2205/0047      . . .    Feeding, guiding or shaping the material

B31D 2205/0052      . . .    Perforating; Forming lines of weakness

B31D 2205/0058      . . .    Cutting; Individualising the final products

B31D 2205/0064      . . .    Stabilizing the shape of the final product, e.g. by mechanical interlocking

B31D 2205/007      . . .    Delivering

B31D 2205/0076      . .    involving particular machinery details

B31D 2205/0082      . . .    General layout of the machinery or relative arrangement of its subunits

B31D 2205/0088      . . .    Control means

B31D 2205/0094      . . .    Safety devices