

**CPC****COOPERATIVE PATENT CLASSIFICATION****B31C**

**MAKING WOUND ARTICLES, e.g. WOUND TUBES** ([characteristics relating to the working of plastics B29](#) )

**NOTE**

The term "winding" in this subclass means forming two or more complete convolutions.

**B31C 1/00**

**Forming paper tubes or pipes by feeding at right angles to the winding mandrel centre line**

## B31C 1/02

. Machines therefor having additional mandrels

## B31C 1/04

. and forming a tube end into a container bottom

## B31C 1/06

. and inserting into a tube end a bottom to form a container

## B31C 1/08

. Accessories of machines therefor not otherwise provided for

## B31C 1/083

. . {Winding mandrels }

## B31C 1/086

. . . {expansibles }

**B31C 3/00**

**Forming paper tubes or pipes by feeding obliquely to the winding mandrel centre line**

## B31C 3/02

. and inserting into a tube end a bottom to form a container

## B31C 3/04

. Seam processing

**B31C 5/00**

**Forming paper tubes or pipes without mandrels**

**B31C 7/00**

**Forming conical paper articles by winding** ([winding blanks B31B](#) )

## B31C 7/02

. Forming truncated cones

## B31C 7/04

. . on two or more mandrels

## B31C 7/06

. . . and inserting into a cone end a bottom to form a container

## B31C 7/08

. Forming pointed cones

## B31C 7/10

. . on two or more mandrels

**B31C 9/00**

**Simultaneous forming of cylindrical and conical shapes by winding separate webs, e.g. forming bottles** ([winding blanks B31B](#) )

**B31C 11/00**

**Paper-winding machinery combined with other machinery**

- B31C 11/02
  - for additionally shaping the articles
- B31C 11/04
  - for applying impregnating by coating-substances during the winding
- B31C 11/06
  - for drying the wound and impregnated articles
- B31C 13/00**
  - Making wound articles not otherwise provided for**