

**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.

**Guidance heading:**

- 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**