

ECLA**EUROPEAN 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.

B31C1/00**Forming paper tubes or pipes by feeding at right angles to the winding mandrel centre line**

B31C1/02

- . Machines therefor having additional mandrels

B31C1/04

- . and forming a tube end into a container bottom

B31C1/06

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

B31C1/08

- . Accessories of machines therefor not otherwise provided for

B31C1/08B

- . . [N: Winding mandrels]

B31C1/08B2

- . . . [N: expansibles]

B31C3/00**Forming paper tubes or pipes by feeding obliquely to the winding mandrel centre line**

B31C3/02

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

B31C3/04

- . Seam processing

B31C5/00**Forming paper tubes or pipes without mandrels****B31C7/00****Forming conical paper articles by winding ([winding blanks B31B](#))**

B31C7/02

- . Forming truncated cones

B31C7/04

- . . on two or more mandrels

B31C7/06

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

B31C7/08

- . Forming pointed cones

B31C7/10

- . . on two or more mandrels

B31C9/00**Simultaneous forming of cylindrical and conical shapes by winding separate webs, e.g. forming bottles ([winding blanks B31B](#))****B31C11/00****Paper-winding machinery combined with other machinery**

B31C11/02

- . for additionally shaping the articles

B31C11/04 . for applying impregnating by coating-substances during the winding

B31C11/06 . for drying the wound and impregnated articles

B31C13/00 Making wound articles not otherwise provided for