

**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:**

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| <b>B31C 1/00</b> | <b>Forming paper tubes or pipes by feeding at right angles to the winding mandrel centre line</b>  |
| 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 }   |
| <b>B31C 3/00</b> | <b>Forming paper tubes or pipes by feeding obliquely to the winding mandrel centre line</b>  |
| B31C 3/02        | . and inserting into a tube end a bottom to form a container   |
| B31C 3/04        | . Seam processing  |
| <b>B31C 5/00</b> | <b>Forming paper tubes or pipes without mandrels</b>   |
| <b>B31C 7/00</b> | <b>Forming conical paper articles by winding</b> ( <a href="#">winding blanks B31B</a> )   |
| 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  |
| <b>B31C 9/00</b> | <b>Simultaneous forming of cylindrical and conical shapes by winding separate webs, e.g. forming bottles</b> ( <a href="#">winding blanks B31B</a> ) |

**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**