

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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| 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**