

Symbol	Typ	Titel
B	Sektion	PERFORMING OPERATIONS; TRANSPORTING
B31	Klasse	MAKING PAPER ARTICLES; WORKING PAPER (making layered products not composed wholly of paper or cardboard B32B; handling thin material, e.g. sheets, webs, B65H)
B31C	Unterklasse	MAKING WOUND ARTICLES, e.g. WOUND TUBES (characteristics relating to the working of plastics B29; shaping of plastics or substances in a plastic state B29C)
B31C 1/00	Hauptgruppe	Forming paper tubes or pipes by feeding at right angles to the winding mandrel centre line
B31C 1/02	1-Punkt Untergruppe	. Machines therefor having additional mandrels
B31C 1/04	1-Punkt Untergruppe	. and forming a tube end into a container bottom
B31C 1/06	1-Punkt Untergruppe	. and inserting into a tube end a bottom to form a container
B31C 1/08	1-Punkt Untergruppe	. Accessories of machines therefor not otherwise provided for
B31C 3/00	Hauptgruppe	Forming paper tubes or pipes by feeding obliquely to the winding mandrel centre line
B31C 3/02	1-Punkt Untergruppe	. and inserting into a tube end a bottom to form a container
B31C 3/04	1-Punkt Untergruppe	. Seam processing
B31C 5/00	Hauptgruppe	Forming paper tubes or pipes without mandrels
B31C 7/00	Hauptgruppe	Forming conical paper articles by winding (winding blanks B31B)
B31C 7/02	1-Punkt Untergruppe	. Forming truncated cones
B31C 7/04	2-Punkt Untergruppe	. . on two or more mandrels
B31C 7/06	3-Punkt Untergruppe	. . . and inserting into a cone end a bottom to form a container
B31C 7/08	1-Punkt Untergruppe	. Forming pointed cones
B31C 7/10	2-Punkt Untergruppe	. . on two or more mandrels
B31C 9/00	Hauptgruppe	Simultaneous forming of cylindrical and conical shapes by winding separate webs, e.g. forming bottles (winding blanks B31B)
B31C 11/00	Hauptgruppe	Paper-winding machinery combined with other machinery
B31C 11/02	1-Punkt Untergruppe	. for additionally shaping the articles
B31C 11/04	1-Punkt Untergruppe	. for applying impregnating by coating-substances during the winding
B31C 11/06	1-Punkt Untergruppe	. for drying the wound and impregnated articles
B31C 13/00	Hauptgruppe	Making wound articles not otherwise provided for