

Symbol	Typ	Titel
B	Sektion	SECTION B — 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)
B31B	Unterklasse	MAKING BOXES, CARTONS, ENVELOPES, OR BAGS (incising, scoring, in general B26D 3/08; combined making and filling B65B)
B31B 1/00	Hauptgruppe	Box, carton, envelope or bag making machinery characterised by performing specific operations (machinery for performing operations of general application, <u>see</u> the appropriate subclasses)
B31B 1/02	1-Punkt Untergruppe	. Feeding or positioning sheets, blanks, or webs
B31B 1/04	2-Punkt Untergruppe	. . Feeding sheets or blanks
B31B 1/06	3-Punkt Untergruppe	. . . from stacks
B31B 1/08	3-Punkt Untergruppe	. . . during envelope- or bag-making operations
B31B 1/10	2-Punkt Untergruppe	. . Feeding or positioning webs
B31B 1/12	2-Punkt Untergruppe	. . by air pressure or suction
B31B 1/14	1-Punkt Untergruppe	. Cutting, e.g. perforating, punching, slitting, trimming
B31B 1/16	2-Punkt Untergruppe	. . Cutting webs to form sheets or blanks
B31B 1/18	2-Punkt Untergruppe	. . Slitting webs longitudinally
B31B 1/20	2-Punkt Untergruppe	. . Cutting sheets or blanks
B31B 1/22	3-Punkt Untergruppe	. . . Notching; Trimming edges of flaps
B31B 1/24	3-Punkt Untergruppe	. . . Making window openings
B31B 1/25	1-Punkt Untergruppe	. Surface scoring (cutting through material B31B 1/14) [2]
B31B 1/26	1-Punkt Untergruppe	. Folding sheets, blanks, or webs
B31B 1/28	2-Punkt Untergruppe	. . around mandrels, including bottom-forming operations
B31B 1/30	3-Punkt Untergruppe	. . . the mandrels moving
B31B 1/32	4-Punkt Untergruppe	 in circular paths
B31B 1/34	4-Punkt Untergruppe	 about their own axes
B31B 1/36	2-Punkt Untergruppe	. . by continuously feeding same to stationary members, e.g. plates, ploughs, cores
B31B 1/38	3-Punkt Untergruppe	. . . the members being forming-tubes
B31B 1/40	4-Punkt Untergruppe	 acting internally
B31B 1/42	4-Punkt Untergruppe	 acting externally
B31B 1/44	2-Punkt Untergruppe	. . by plungers moving through folding dies
B31B 1/46	3-Punkt Untergruppe	. . . and interconnecting side walls during such movement
B31B 1/48	4-Punkt Untergruppe	 by folding or tucking in locking flaps

Symbol	Typ	Titel
B31B 1/50	5-Punkt Untergruppe	 by interengaging tongues and slots
B31B 1/52	2-Punkt Untergruppe	. . by reciprocating or oscillating members, e.g. fingers other than plungers and dies
B31B 1/54	3-Punkt Untergruppe	. . . operating on moving material
B31B 1/56	2-Punkt Untergruppe	. . by rotary members co-operating with blades
B31B 1/58	2-Punkt Untergruppe	. . by moving endless belts
B31B 1/60	1-Punkt Untergruppe	. Uniting opposed surfaces or edges; Taping
B31B 1/62	2-Punkt Untergruppe	. . by adhesives
B31B 1/64	2-Punkt Untergruppe	. . by applying heat or pressure
B31B 1/66	3-Punkt Untergruppe	. . . high-frequency electric heating
B31B 1/68	2-Punkt Untergruppe	. . by stitching, stapling, or riveting
B31B 1/70	3-Punkt Untergruppe	. . . by corner stapling
B31B 1/72	2-Punkt Untergruppe	. . by applying and securing strips or sheets
B31B 1/74	1-Punkt Untergruppe	. Auxiliary operations
B31B 1/76	2-Punkt Untergruppe	. . Opening and distending flattened articles
B31B 1/78	3-Punkt Untergruppe	. . . mechanically
B31B 1/80	3-Punkt Untergruppe	. . . pneumatically
B31B 1/82	2-Punkt Untergruppe	. . Attaching windows
B31B 1/84	2-Punkt Untergruppe	. . Forming valves or applying valve inserts (connection of valves to inflatable elastic bodies B60C 29/00)
B31B 1/86	2-Punkt Untergruppe	. . Forming integral handles or mounting separate handles (making separate handles by multi-step processes B31D 1/06)
B31B 1/88	2-Punkt Untergruppe	. . Printing or embossing
B31B 1/90	2-Punkt Untergruppe	. . Attaching accessories not otherwise provided for, e.g. opening or closure devices, tear strings
B31B 1/92	2-Punkt Untergruppe	. . Delivering
B31B 1/94	3-Punkt Untergruppe	. . . singly or in succession
B31B 1/96	4-Punkt Untergruppe	 in overlapping arrangement
B31B 1/98	3-Punkt Untergruppe	. . . in stacks or bundles
		<u>Machinery for making boxes or cartons</u>
B31B 3/00	Hauptgruppe	Machinery characterised by making boxes or cartons by folding single-piece sheets, blanks, or webs (B31B 5/00 takes precedence)
B31B 3/02	1-Punkt Untergruppe	. and having means for feeding or positioning sheets, blanks, or webs
B31B 3/04	Gelöscht	(covered by B31B 3/02)
B31B 3/14	1-Punkt Untergruppe	. and having means for cutting, e.g. perforating, punching, slitting, trimming
B31B 3/16	Gelöscht	(covered by B31B 3/14)
B31B 3/25	Gelöscht	(covered by B31B 3/00)
B31B 3/26	1-Punkt Untergruppe	. and having means for folding sheets, blanks, or webs

Symbol	Typ	Titel
B31B 3/28	2-Punkt Untergruppe	. . around mandrels, including bottom-forming operations
B31B 3/30	3-Punkt Untergruppe	. . . the mandrels moving
B31B 3/32	4-Punkt Untergruppe	 in circular paths
B31B 3/34	4-Punkt Untergruppe	 about their own axes
B31B 3/36	2-Punkt Untergruppe	. . by continuously feeding same to stationary members, e.g. plates, ploughs, cores
B31B 3/38	Gelöscht	(covered by B31B 3/36)
B31B 3/44	2-Punkt Untergruppe	. . by plungers moving through folding dies
B31B 3/46	3-Punkt Untergruppe	. . . and interconnecting side walls during such movement
B31B 3/48	4-Punkt Untergruppe	 by folding or tucking in locking flaps
B31B 3/50	5-Punkt Untergruppe	 by interengaging tongues and slots
B31B 3/52	2-Punkt Untergruppe	. . by reciprocating or oscillating members, e.g. fingers other than plungers and dies
B31B 3/54	Gelöscht	(covered by B31B 3/52)
B31B 3/56	Gelöscht	(covered by B31B 3/26)
B31B 3/60	1-Punkt Untergruppe	. and having means for uniting opposed surfaces or edges, or for taping
B31B 3/62	Gelöscht	(covered by B31B 3/60)
B31B 3/64	2-Punkt Untergruppe	. . by applying heat or pressure
B31B 3/66	Gelöscht	(covered by B31B 3/64)
B31B 3/68	Gelöscht	(covered by B31B 3/60)
B31B 3/72	2-Punkt Untergruppe	. . by applying and securing strips or sheets
B31B 3/74	1-Punkt Untergruppe	. and having means for effecting auxiliary operations
B31B 3/76	Gelöscht	(covered by B31B 3/74)
B31B 5/00	Hauptgruppe	Machinery characterised by making boxes or cartons by folding single-piece sheets which can be set-up from a collapsed condition, including setting-up and recollapsing to break creases
B31B 5/02	1-Punkt Untergruppe	. and having means for feeding or positioning sheets
B31B 5/04	Gelöscht	(covered by B31B 5/02)
B31B 5/14	1-Punkt Untergruppe	. and having means for cutting, e.g. perforating, punching, slitting, trimming
B31B 5/16	Gelöscht	(covered by B31B 5/14)
B31B 5/25	Gelöscht	(covered by B31B 5/00)
B31B 5/26	1-Punkt Untergruppe	. and having means for folding sheets, blanks, or webs
B31B 5/28	Gelöscht	(covered by B31B 5/26)
B31B 5/36	2-Punkt Untergruppe	. . by continuously feeding same to stationary members, e.g. plates, ploughs, cores
B31B 5/38	Gelöscht	(covered by B31B 5/36)
B31B 5/44	Gelöscht	(covered by B31B 5/26)
B31B 5/60	1-Punkt Untergruppe	. and having means for uniting opposed surfaces or edges, or for taping
B31B 5/62	Gelöscht	(covered by B31B 5/60)
B31B 5/74	1-Punkt Untergruppe	. and having means for effecting auxiliary operations
B31B 5/76	2-Punkt Untergruppe	. . Opening and distending flattened articles
B31B 5/78	3-Punkt Untergruppe	. . . mechanically

Symbol	Typ	Titel
B31B 5/80	3-Punkt Untergruppe	. . . pneumatically
B31B 5/82	Gelöscht	(covered by B31B 5/74)
B31B 7/00	Hauptgruppe	Machinery characterised by making lined or internally-reinforced boxes or cartons (B31B 11/00 takes precedence)
B31B 7/02	1-Punkt Untergruppe	. and having means for feeding or positioning sheets, blanks, or webs
B31B 7/04	Gelöscht	(covered by B31B 7/02)
B31B 7/14	1-Punkt Untergruppe	. and having means for cutting, e.g. perforating, punching, slitting, trimming
B31B 7/16	Gelöscht	(covered by B31B 7/14)
B31B 7/25	Gelöscht	(covered by B31B 7/00)
B31B 7/26	1-Punkt Untergruppe	. and having means for folding sheets, blanks, or webs
B31B 7/28	2-Punkt Untergruppe	. . around mandrels, including bottom-forming operations
B31B 7/30	3-Punkt Untergruppe	. . . the mandrels moving
B31B 7/32	4-Punkt Untergruppe	 in circular paths
B31B 7/34	Gelöscht	(covered by B31B 7/30)
B31B 7/36	Gelöscht	(covered by B31B 7/26)
B31B 7/44	2-Punkt Untergruppe	. . by plungers moving through folding dies
B31B 7/46	3-Punkt Untergruppe	. . . and interconnecting side walls during such movement
B31B 7/48	Gelöscht	(covered by B31B 7/46)
B31B 7/52	Gelöscht	(covered by B31B 7/26)
B31B 7/60	1-Punkt Untergruppe	. and having means for uniting opposed surfaces or edges, or for taping
B31B 7/62	Gelöscht	(covered by B31B 7/60)
B31B 7/74	1-Punkt Untergruppe	. and having means for effecting auxiliary operations
B31B 7/76	Gelöscht	(covered by B31B 7/74)
B31B 9/00	Hauptgruppe	Machinery characterised by making boxes or cartons having shouldered walls
B31B 9/02	1-Punkt Untergruppe	. and having means for feeding or positioning sheets, blanks, or webs
B31B 9/04	Gelöscht	(covered by B31B 9/02)
B31B 9/14	1-Punkt Untergruppe	. and having means for cutting, e.g. perforating, punching, slitting, trimming
B31B 9/16	Gelöscht	(covered by B31B 9/14)
B31B 9/25	Gelöscht	(covered by B31B 9/00)
B31B 9/26	1-Punkt Untergruppe	. and having means for folding sheets, blanks, or webs
B31B 9/28	Gelöscht	(covered by B31B 9/26)
B31B 9/60	1-Punkt Untergruppe	. and having means for uniting opposed surfaces or edges, or for taping
B31B 9/62	Gelöscht	(covered by B31B 9/60)
B31B 9/74	1-Punkt Untergruppe	. and having means for effecting auxiliary operations
B31B 9/76	Gelöscht	(covered by B31B 9/74)
B31B 11/00	Hauptgruppe	Machinery characterised by making boxes or cartons having partitions or like inserts not integral with walls (making partitions, inserts, or reinforcements for boxes or cartons B31D)
B31B 11/02	1-Punkt Untergruppe	. and having means for feeding or positioning sheets, blanks, or webs
B31B 11/04	Gelöscht	(covered by B31B 11/02)
B31B 11/14	1-Punkt Untergruppe	. and having means for cutting, e.g. perforating, punching, slitting, trimming

Symbol	Typ	Titel
B31B 11/16	Gelöscht	(covered by B31B 11/14)
B31B 11/25	Gelöscht	(covered by B31B 11/00)
B31B 11/26	1-Punkt Untergruppe	. and having means for folding sheets, blanks, or webs
B31B 11/28	Gelöscht	(covered by B31B 11/26)
B31B 11/60	1-Punkt Untergruppe	. and having means for uniting opposed surfaces or edges, or for taping
B31B 11/62	Gelöscht	(covered by B31B 11/60)
B31B 11/74	1-Punkt Untergruppe	. and having means for effecting auxiliary operations
B31B 11/76	Gelöscht	(covered by B31B 11/74)
B31B 13/00	Hauptgruppe	Machinery characterised by assembling drawer-and-shell boxes or cartons
B31B 13/02	1-Punkt Untergruppe	. and having means for feeding or positioning sheets, blanks, or webs
B31B 13/04	Gelöscht	(covered by B31B 13/02)
B31B 13/14	1-Punkt Untergruppe	. and having means for cutting, e.g. perforating, punching, slitting, trimming
B31B 13/16	Gelöscht	(covered by B31B 13/14)
B31B 13/25	Gelöscht	(covered by B31B 13/00)
B31B 13/26	1-Punkt Untergruppe	. and having means for folding sheets, blanks, or webs
B31B 13/28	2-Punkt Untergruppe	. . around mandrels, including bottom-forming operations
B31B 13/30	3-Punkt Untergruppe	. . . the mandrels moving
B31B 13/32	4-Punkt Untergruppe	 in circular paths
B31B 13/34	4-Punkt Untergruppe	 about their own axes
B31B 13/36	Gelöscht	(covered by B31B 13/26)
B31B 13/60	1-Punkt Untergruppe	. and having means for uniting opposed surfaces or edges, or for taping
B31B 13/62	Gelöscht	(covered by B31B 13/60)
B31B 13/74	1-Punkt Untergruppe	. and having means for effecting auxiliary operations
B31B 13/76	Gelöscht	(covered by B31B 13/74)
B31B 15/00	Hauptgruppe	Machinery characterised by making covered or externally-reinforced boxes or cartons
B31B 15/02	1-Punkt Untergruppe	. and having means for feeding or positioning sheets, blanks, or webs
B31B 15/04	Gelöscht	(covered by B31B 15/02)
B31B 15/14	1-Punkt Untergruppe	. and having means for cutting, e.g. perforating, punching, slitting, trimming
B31B 15/16	Gelöscht	(covered by B31B 15/14)
B31B 15/25	Gelöscht	(covered by B31B 15/00)
B31B 15/26	1-Punkt Untergruppe	. and having means for folding sheets, blanks, or webs
B31B 15/28	Gelöscht	(covered by B31B 15/26)
B31B 15/60	1-Punkt Untergruppe	. and having means for uniting opposed surfaces or edges, or for taping
B31B 15/62	Gelöscht	(covered by B31B 15/60)
B31B 15/74	1-Punkt Untergruppe	. and having means for effecting auxiliary operations
B31B 15/76	Gelöscht	(covered by B31B 15/74)
B31B 17/00	Hauptgruppe	Machinery characterised by making other boxes or cartons by assembling several separate sheets, blanks, or webs
B31B 17/02	1-Punkt Untergruppe	. and having means for feeding or positioning sheets, blanks, or webs
B31B 17/04	Gelöscht	(covered by B31B 17/02)

Symbol	Typ	Titel
B31B 17/14	1-Punkt Untergruppe	. and having means for cutting, e.g. perforating, punching, slitting, trimming
B31B 17/16	Gelöscht	(covered by B31B 17/14)
B31B 17/25	Gelöscht	(covered by B31B 17/00)
B31B 17/26	1-Punkt Untergruppe	. and having means for folding sheets, blanks, or webs
B31B 17/28	2-Punkt Untergruppe	. . around mandrels, including bottom-forming operations
B31B 17/30	3-Punkt Untergruppe	. . . the mandrels moving
B31B 17/32	4-Punkt Untergruppe	 in circular paths
B31B 17/34	Gelöscht	(covered by B31B 17/30)
B31B 17/36	Gelöscht	(covered by B31B 17/26)
B31B 17/44	2-Punkt Untergruppe	. . by plungers moving through folding dies
B31B 17/46	3-Punkt Untergruppe	. . . and interconnecting side walls during such movement
B31B 17/48	Gelöscht	(covered by B31B 17/46)
B31B 17/52	2-Punkt Untergruppe	. . by reciprocating or oscillating members, e.g. fingers other than plungers and dies
B31B 17/54	Gelöscht	(covered by B31B 17/52)
B31B 17/56	Gelöscht	(covered by B31B 17/26)
B31B 17/60	1-Punkt Untergruppe	. and having means for uniting opposed surfaces or edges, or for taping
B31B 17/62	Gelöscht	(covered by B31B 17/60)
B31B 17/74	1-Punkt Untergruppe	. and having means for effecting auxiliary operations
B31B 17/76	Gelöscht	(covered by B31B 17/74)
		<u>Machinery for making envelopes or bags</u>
B31B 19/00	Hauptgruppe	Machinery characterised by making rectangular envelopes or bags of flat form, i.e. without structural provision at the base for thickness of contents (B31B 21/00, B31B 23/00 take precedence)
B31B 19/02	1-Punkt Untergruppe	. and having means for feeding or positioning sheets, blanks, or webs
B31B 19/04	Gelöscht	(covered by B31B 19/02)
B31B 19/10	2-Punkt Untergruppe	. . Feeding or positioning webs
B31B 19/12	Gelöscht	(covered by B31B 19/02)
B31B 19/14	1-Punkt Untergruppe	. and having means for cutting, e.g. perforating, punching, slitting, trimming
B31B 19/16	2-Punkt Untergruppe	. . Cutting webs to form sheets or blanks
B31B 19/18	2-Punkt Untergruppe	. . Slitting webs longitudinally
B31B 19/20	2-Punkt Untergruppe	. . Cutting sheets or blanks
B31B 19/22	Gelöscht	(covered by B31B 19/20)
B31B 19/25	Gelöscht	(covered by B31B 19/00)
B31B 19/26	1-Punkt Untergruppe	. and having means for folding sheets, blanks, or webs
B31B 19/28	Gelöscht	(covered by B31B 19/26)
B31B 19/36	2-Punkt Untergruppe	. . by continuously feeding same to stationary members, e.g. plates, ploughs, cores
B31B 19/38	Gelöscht	(covered by B31B 19/36)
B31B 19/44	Gelöscht	(covered by B31B 19/26)
B31B 19/52	2-Punkt Untergruppe	. . by reciprocating or oscillating members, e.g. fingers other than plungers and dies

Symbol	Typ	Titel
B31B 19/54	Gelöscht	(covered by B31B 19/52)
B31B 19/56	Gelöscht	(covered by B31B 19/26)
B31B 19/60	1-Punkt Untergruppe	. and having means for uniting opposed surfaces or edges, or for taping
B31B 19/62	2-Punkt Untergruppe	. . by adhesives
B31B 19/64	2-Punkt Untergruppe	. . by applying heat or pressure
B31B 19/66	3-Punkt Untergruppe	. . . high-frequency electric heating
B31B 19/68	2-Punkt Untergruppe	. . by stitching, stapling, or riveting
B31B 19/70	Gelöscht	(covered by B31B 19/68)
B31B 19/72	Gelöscht	(covered by B31B 19/60)
B31B 19/74	1-Punkt Untergruppe	. and having means for effecting auxiliary operations
B31B 19/76	Gelöscht	(covered by B31B 19/74)
B31B 19/82	2-Punkt Untergruppe	. . Attaching windows
B31B 19/84	2-Punkt Untergruppe	. . Forming valves or applying valve inserts (connection of valves to inflatable elastic bodies B60C 29/00)
B31B 19/86	2-Punkt Untergruppe	. . Forming integral handles or mounting separate handles (making separate handles by multi-step processes B31D 1/06)
B31B 19/88	2-Punkt Untergruppe	. . Printing or embossing
B31B 19/90	2-Punkt Untergruppe	. . Attaching accessories not otherwise provided for, e.g. opening or closure devices, tear strings
B31B 19/92	2-Punkt Untergruppe	. . Delivering
B31B 19/94	3-Punkt Untergruppe	. . . singly or in succession
B31B 19/96	4-Punkt Untergruppe	 in overlapping arrangement
B31B 19/98	3-Punkt Untergruppe	. . . in stacks or bundles
B31B 21/00	Hauptgruppe	Machinery characterised by making rectangular envelopes or bags of flat form, i.e. without structural provision at the base for thickness of contents, from sheets or blanks, e.g. from flattened tubes
B31B 21/02	1-Punkt Untergruppe	. and having means for feeding or positioning sheets or blanks
B31B 21/04	Gelöscht	(covered by B31B 21/02)
B31B 21/14	1-Punkt Untergruppe	. and having means for cutting, e.g. perforating, punching, slitting, trimming
B31B 21/16	Gelöscht	(covered by B31B 21/14)
B31B 21/25	Gelöscht	(covered by B31B 21/00)
B31B 21/26	1-Punkt Untergruppe	. and having means for folding sheets or blanks
B31B 21/28	Gelöscht	(covered by B31B 21/26)
B31B 21/60	1-Punkt Untergruppe	. and having means for uniting opposed surfaces or edges, or for taping
B31B 21/62	Gelöscht	(covered by B31B 21/60)
B31B 21/74	1-Punkt Untergruppe	. and having means for effecting auxiliary operations
B31B 21/76	Gelöscht	(covered by B31B 21/74)
B31B 23/00	Hauptgruppe	Machinery characterised by making rectangular envelopes or bags of flat form, i.e. without structural provision at the base for thickness of contents, from webs, e.g. from flattened tubular webs (machinery characterised by cutting sheets or blanks from webs and working them to form such envelopes or bags B31B 21/00)

Symbol	Typ	Titel
B31B 23/02	1-Punkt Untergruppe	. and having means for feeding or positioning webs
B31B 23/04	Gelöscht	(covered by B31B 23/02)
B31B 23/14	1-Punkt Untergruppe	. and having means for cutting, e.g. perforating, punching, slitting, trimming
B31B 23/16	Gelöscht	(covered by B31B 23/14)
B31B 23/25	Gelöscht	(covered by B31B 23/00)
B31B 23/26	1-Punkt Untergruppe	. and having means for folding webs
B31B 23/28	Gelöscht	(covered by B31B 23/26)
B31B 23/60	1-Punkt Untergruppe	. and having means for uniting opposed surfaces or edges, or for taping
B31B 23/62	Gelöscht	(covered by B31B 23/60)
B31B 23/74	1-Punkt Untergruppe	. and having means for effecting auxiliary operations
B31B 23/76	Gelöscht	(covered by B31B 23/74)
B31B 25/00	Hauptgruppe	Machinery characterised by making pointed or tapered envelopes or bags
B31B 25/02	1-Punkt Untergruppe	. and having means for feeding or positioning sheets, blanks, or webs
B31B 25/04	Gelöscht	(covered by B31B 25/02)
B31B 25/14	1-Punkt Untergruppe	. and having means for cutting, e.g. perforating, punching, slitting, trimming
B31B 25/16	Gelöscht	(covered by B31B 25/14)
B31B 25/25	Gelöscht	(covered by B31B 25/00)
B31B 25/26	1-Punkt Untergruppe	. and having means for folding sheets, blanks, or webs
B31B 25/28	Gelöscht	(covered by B31B 25/26)
B31B 25/60	1-Punkt Untergruppe	. and having means for uniting opposed surfaces or edges, or for taping
B31B 25/62	Gelöscht	(covered by B31B 25/60)
B31B 25/74	1-Punkt Untergruppe	. and having means for effecting auxiliary operations
B31B 25/76	Gelöscht	(covered by B31B 25/74)
B31B 27/00	Hauptgruppe	Machinery characterised by making interconnected envelopes or bags
B31B 27/02	1-Punkt Untergruppe	. and having means for feeding or positioning sheets, blanks, or webs
B31B 27/04	Gelöscht	(covered by B31B 27/02)
B31B 27/14	1-Punkt Untergruppe	. and having means for cutting, e.g. perforating, punching, slitting, trimming
B31B 27/16	Gelöscht	(covered by B31B 27/14)
B31B 27/25	Gelöscht	(covered by B31B 27/00)
B31B 27/26	1-Punkt Untergruppe	. and having means for folding sheets, blanks, or webs
B31B 27/28	Gelöscht	(covered by B31B 27/26)
B31B 27/60	1-Punkt Untergruppe	. and having means for uniting opposed surfaces or edges, or for taping
B31B 27/62	Gelöscht	(covered by B31B 27/60)
B31B 27/74	1-Punkt Untergruppe	. and having means for effecting auxiliary operations
B31B 27/76	Gelöscht	(covered by B31B 27/74)
B31B 29/00	Hauptgruppe	Machinery characterised by making envelopes or bags with structural provision at the base for thickness or contents (B31B 31/00-B31B 37/00 take precedence)
B31B 29/02	1-Punkt Untergruppe	. and having means for feeding or positioning sheets, blanks, or webs
B31B 29/04	Gelöscht	(covered by B31B 29/02)
B31B 29/14	1-Punkt Untergruppe	. and having means for cutting, e.g. perforating, punching, slitting, trimming

Symbol	Typ	Titel
B31B 29/16	Gelöscht	(covered by B31B 29/14)
B31B 29/25	Gelöscht	(covered by B31B 29/00)
B31B 29/26	1-Punkt Untergruppe	. and having means for folding sheets, blanks, or webs
B31B 29/28	Gelöscht	(covered by B31B 29/26)
B31B 29/60	1-Punkt Untergruppe	. and having means for uniting opposed surfaces or edges, or for taping
B31B 29/62	Gelöscht	(covered by B31B 29/60)
B31B 29/74	1-Punkt Untergruppe	. and having means for effecting auxiliary operations
B31B 29/76	Gelöscht	(covered by B31B 29/74)
B31B 29/84	2-Punkt Untergruppe	. . Forming valves or applying valve inserts (connection of valves to inflatable elastic bodies B60C 29/00)
B31B 29/86	Gelöscht	(covered by B31B 29/74)
B31B 31/00	Hauptgruppe	Machinery characterised by making envelopes or bags with structural provision at the base for thickness of contents, from sheets or blanks, e.g. from flattened tubes (B31B 33/00, B31B 35/00 take precedence)
B31B 31/02	1-Punkt Untergruppe	. and having means for feeding or positioning sheets or blanks
B31B 31/04	Gelöscht	(covered by B31B 31/02)
B31B 31/14	1-Punkt Untergruppe	. and having means for cutting, e.g. perforating, punching, slitting, trimming
B31B 31/16	Gelöscht	(covered by B31B 31/14)
B31B 31/25	Gelöscht	(covered by B31B 31/00)
B31B 31/26	1-Punkt Untergruppe	. and having means for folding sheets or blanks
B31B 31/28	Gelöscht	(covered by B31B 31/26)
B31B 31/60	1-Punkt Untergruppe	. and having means for uniting opposed surfaces or edges, or for taping
B31B 31/62	Gelöscht	(covered by B31B 31/60)
B31B 31/74	1-Punkt Untergruppe	. and having means for effecting auxiliary operations
B31B 31/76	Gelöscht	(covered by B31B 31/74)
B31B 33/00	Hauptgruppe	Machinery characterised by making envelopes or bags with structural provision at the base for thickness of contents, from sheets or blanks, e.g. from flattened tubes, the longitudinal axes of the envelopes or bags being parallel to the direction in which the sheets or blanks are fed
B31B 33/02	1-Punkt Untergruppe	. and having means for feeding or positioning sheets or blanks
B31B 33/04	Gelöscht	(covered by B31B 33/02)
B31B 33/14	1-Punkt Untergruppe	. and having means for cutting, e.g. perforating, punching, slitting, trimming
B31B 33/16	Gelöscht	(covered by B31B 33/14)
B31B 33/25	Gelöscht	(covered by B31B 33/00)
B31B 33/26	1-Punkt Untergruppe	. and having means for folding sheets or blanks
B31B 33/28	Gelöscht	(covered by B31B 33/26)
B31B 33/60	1-Punkt Untergruppe	. and having means for uniting opposed surfaces or edges, or for taping
B31B 33/62	Gelöscht	(covered by B31B 33/60)
B31B 33/74	1-Punkt Untergruppe	. and having means for effecting auxiliary operations
B31B 33/76	Gelöscht	(covered by B31B 33/74)
B31B 35/00	Hauptgruppe	Machinery characterised by making envelopes or bags with structural provision at the base for thickness of contents, from sheets or blanks, e.g. from flattened tubes, the longitudinal axes of the envelopes or bags being perpendicular to the direction in which the sheets or blanks are fed
B31B 35/02	1-Punkt Untergruppe	. and having means for feeding or positioning sheets or blanks
B31B 35/04	Gelöscht	(covered by B31B 35/02)

Symbol	Typ	Titel
B31B 35/14	1-Punkt Untergruppe	. and having means for cutting, e.g. perforating, punching, slitting, trimming
B31B 35/16	Gelöscht	(covered by B31B 35/14)
B31B 35/25	Gelöscht	(covered by B31B 35/00)
B31B 35/26	1-Punkt Untergruppe	. and having means for folding sheets or blanks
B31B 35/28	Gelöscht	(covered by B31B 35/26)
B31B 35/60	1-Punkt Untergruppe	. and having means for uniting opposed surfaces or edges, or for taping
B31B 35/62	Gelöscht	(covered by B31B 35/60)
B31B 35/74	1-Punkt Untergruppe	. and having means for effecting auxiliary operations
B31B 35/76	Gelöscht	(covered by B31B 35/74)
B31B 37/00	Hauptgruppe	Machinery characterised by making envelopes or bags with structural provision at the base for thickness of contents, from webs, e.g. from tubular webs (machinery characterised by cutting sheets or blanks from webs and working them to form such envelopes or bags B31B 31/00)
B31B 37/02	1-Punkt Untergruppe	. and having means for feeding or positioning webs
B31B 37/04	Gelöscht	(covered by B31B 37/02)
B31B 37/14	1-Punkt Untergruppe	. and having means for cutting, e.g. perforating, punching, slitting, trimming
B31B 37/16	Gelöscht	(covered by B31B 37/14)
B31B 37/25	Gelöscht	(covered by B31B 37/00)
B31B 37/26	1-Punkt Untergruppe	. and having means for folding webs
B31B 37/28	Gelöscht	(covered by B31B 37/26)
B31B 37/60	1-Punkt Untergruppe	. and having means for uniting opposed surfaces or edges, or for taping
B31B 37/62	Gelöscht	(covered by B31B 37/60)
B31B 37/74	1-Punkt Untergruppe	. and having means for effecting auxiliary operations
B31B 37/76	Gelöscht	(covered by B31B 37/74)
B31B 39/00	Hauptgruppe	Machinery characterised by making lined envelopes or bags
B31B 39/02	1-Punkt Untergruppe	. and having means for feed or positioning sheets, blanks, or webs
B31B 39/04	Gelöscht	(covered by B31B 39/02)
B31B 39/14	1-Punkt Untergruppe	. and having means for cutting, e.g. perforating, punching, slitting, trimming
B31B 39/16	Gelöscht	(covered by B31B 39/14)
B31B 39/25	Gelöscht	(covered by B31B 39/00)
B31B 39/26	1-Punkt Untergruppe	. and having means for folding sheets, blanks or webs
B31B 39/28	Gelöscht	(covered by B31B 39/26)
B31B 39/60	1-Punkt Untergruppe	. and having means for uniting opposed surfaces or edges, or for taping
B31B 39/62	Gelöscht	(covered by B31B 39/60)
B31B 39/74	1-Punkt Untergruppe	. and having means for effecting auxiliary operations
B31B 39/76	Gelöscht	(covered by B31B 39/74)
B31B 39/84	2-Punkt Untergruppe	. . Forming valves or applying valve inserts (connection of valves to inflatable elastic bodies B60C 29/00)
B31B 39/86	Gelöscht	(covered by B31B 39/74)
B31B 41/00	Hauptgruppe	Machinery characterised by making envelopes or bags of other specific form or construction
B31B 41/02	1-Punkt Untergruppe	. and having means for feeding or positioning sheets, blanks, or webs
B31B 41/04	Gelöscht	(covered by B31B 41/02)

Symbol	Typ	Titel
B31B 41/14	1-Punkt Untergruppe	. and having means for cutting, e.g. perforating, punching, slitting, trimming
B31B 41/16	Gelöscht	(covered by B31B 41/14)
B31B 41/25	Gelöscht	(covered by B31B 41/00)
B31B 41/26	1-Punkt Untergruppe	. and having means for folding sheets, blanks or webs
B31B 41/28	Gelöscht	(covered by B31B 41/26)
B31B 41/60	1-Punkt Untergruppe	. and having means for uniting opposed surfaces or edges, or for taping
B31B 41/62	Gelöscht	(covered by B31B 41/60)
B31B 41/74	1-Punkt Untergruppe	. and having means for effecting auxiliary operations
B31B 41/76	Gelöscht	(covered by B31B 41/74)
B31B 43/00	Hauptgruppe	Machinery characterised by making containers by shaping, otherwise than by folding, sheet material under pressure
B31B 45/00	Hauptgruppe	Machinery characterised by making containers having corrugated or pleated walls
B31B 47/00	Hauptgruppe	Hand tools for making envelopes, bags, boxes or cartons
B31B 47/02	1-Punkt Untergruppe	. for making envelopes or bags without preshaped bottoms
B31B 47/04	1-Punkt Untergruppe	. for making envelopes or bags with preshaped bottoms
B31B 49/00	Hauptgruppe	Machinery, accessories or processes not provided for in groups B31B 1/00-B31B 47/00 (forms or constructions of boxes, cartons, envelopes or bags B65D) [2]
B31B 49/02	1-Punkt Untergruppe	. for making boxes or cartons
B31B 49/04	1-Punkt Untergruppe	. for making envelopes or bags