Symbol	Typ	Titel
B	**Sektion**	**SECTION B — PERFORMING OPERATIONS; TRANSPORTING**
B41	**Untersektion**	**PRINTING**
B41	**Klasse**	**PRINTING; LINING MACHINES; TYPEWRITERS; STAMPS (reproduction or duplication of pictures or patterns by scanning and converting into electrical signals H04N) [4]**
B41F	**Unterklasse**	**PRINTING MACHINES OR PRESSES (machines for manufacturing footwear incorporating printing or embossing apparatus A43D, e.g. A43D 8/26, A43D 95/14; presses in general B30B; making of printing surfaces B41C, B41D; manifolding devices, office printing machines B41L; stencilling B41L; printing processes not dependent on the use of special machines B41M; duplicating or marking by sublimation or volatilisation of design B41M 5/035; thermography B41M 5/26; embossing decorations or marks B44B 5/00; handling thin or filamentary material B65H; electrography, electrophotography, magnetography G03G) [4]**
B41F 1/00	**Hauptgruppe**	**Platen presses, i.e. presses in which printing is effected by at least one essentially-flat pressure-applying member co-operating with a flat type-bed**
B41F 1/02	1-Punkt Untergruppe	. Hand-operated platen presses
B41F 1/04	1-Punkt Untergruppe	. for mono-impression printing, e.g. on sheets
B41F 1/06	2-Punkt Untergruppe	. . with platen maintained parallel to bed during movement (preparing stereotype matrices using presses B41D 1/06)
B41F 1/08	2-Punkt Untergruppe	. . on webs
B41F 1/10	1-Punkt Untergruppe	. for multi-impression printing in one or more colours, e.g. on webs
B41F 1/12	2-Punkt Untergruppe	. . on sheets
B41F 1/14	3-Punkt Untergruppe	. . . using swinging platens, or forme supports
B41F 1/16	1-Punkt Untergruppe	. for offset printing
B41F 1/18	1-Punkt Untergruppe	. for lithography
B41F 1/20	1-Punkt Untergruppe	. for perfecting sheets, i.e. for printing on both sides of sheets
B41F 1/22	1-Punkt Untergruppe	. specially adapted for printing heads, e.g. letter heads
B41F 1/24	1-Punkt Untergruppe	. specially adapted for proof printing
B41F 1/26	1-Punkt Untergruppe	. Details
B41F 1/28	2-Punkt Untergruppe	. . Sheet-conveying, -aligning or -clamping devices (in general B65H)
B41F 1/30	3-Punkt Untergruppe	. . . using rotary grippers
B41F 1/32	3-Punkt Untergruppe	. . . using air pressure, e.g. vacuum
B41F 1/34	3-Punkt Untergruppe	. . . Registering devices, e.g. gauges
B41F 1/36	3-Punkt Untergruppe	. . . Clamps for conveying sheets and for holding same on the platens
B41F 1/38	2-Punkt Untergruppe	. . Platens or type-beds
B41F 1/40	2-Punkt Untergruppe	. . Inking units
B41F 1/42	3-Punkt Untergruppe	. . . using flat inking elements, e.g. discs

Symbol	Typ	Titel
B41F 1/44	3-Punkt Untergruppe	. . . using inking ribbons
B41F 1/46	3-Punkt Untergruppe	. . . using rollers
B41F 1/48	3-Punkt Untergruppe	. . . pivoting around the platen or base
B41F 1/50	3-Punkt Untergruppe	. . . supported on carriages for movement in or on runways
B41F 1/52	4-Punkt Untergruppe	. . . . Carriage driving gear
B41F 1/54	2-Punkt Untergruppe	. . Printing-pressure control devices
B41F 1/56	2-Punkt Untergruppe	. . Auxiliary devices
B41F 1/58	3-Punkt Untergruppe	. . . Arrangements of counting devices for counting sheets
B41F 1/60	2-Punkt Untergruppe	. . Safety devices
B41F 1/62	3-Punkt Untergruppe	. . . for preventing injury to operator
B41F 1/64	4-Punkt Untergruppe	. . . . to the hands of the operator
B41F 1/66	3-Punkt Untergruppe	. . . responsive to incorrect operating conditions
B41F 3/00	**Hauptgruppe**	**Cylinder presses, i.e. presses essentially comprising at least one cylinder co-operating with at least one flat type-bed**
B41F 3/02	1-Punkt Untergruppe	. with impression cylinder or cylinders rotating unidirectionally
B41F 3/04	2-Punkt Untergruppe	. . intermittently; Stop-cylinder presses
B41F 3/06	2-Punkt Untergruppe	. . continuously
B41F 3/08	3-Punkt Untergruppe	. . . Single-revolution presses
B41F 3/10	3-Punkt Untergruppe	. . . Two-revolution presses
B41F 3/12	2-Punkt Untergruppe	. . Twin presses, i.e. with more than one cylinder or type-bed
B41F 3/14	1-Punkt Untergruppe	. with impression cylinder or cylinders rotating in opposite directions during each working cycle
B41F 3/16	2-Punkt Untergruppe	. . Twin presses, i.e. with more than one cylinder or type-bed
B41F 3/18	1-Punkt Untergruppe	. of special construction or for particular purposes
B41F 3/20	2-Punkt Untergruppe	. . with fixed type-beds and travelling impression cylinders
B41F 3/22	3-Punkt Untergruppe	. . . with more than one type-bed
B41F 3/24	3-Punkt Untergruppe	. . . with cylinders travelling around type-beds having upper and lower printing surfaces
B41F 3/26	2-Punkt Untergruppe	. . with type-beds and impression cylinders simultaneously movable relative to one another
B41F 3/28	2-Punkt Untergruppe	. . Proof-print presses for relief printing, lithography or intaglio printing, i.e. presses for checking accuracy of printing surfaces
B41F 3/30	2-Punkt Untergruppe	. . for lithography (proof-print presses B41F 3/28)
B41F 3/32	3-Punkt Untergruppe	. . . Damping devices
B41F 3/34	3-Punkt Untergruppe	. . . for offset printing
B41F 3/36	2-Punkt Untergruppe	. . for intaglio or heliogravure printing (proof-print presses B41F 3/28)

Symbol	Typ	Titel
B41F 3/38	3-Punkt Untergruppe	. . . Wiping mechanisms
B41F 3/40	2-Punkt Untergruppe	. . for perfecting sheets, i.e. for printing on both sides thereof
B41F 3/42	2-Punkt Untergruppe	. . for multicolour printing on sheets
B41F 3/44	2-Punkt Untergruppe	. . for monocolour or multicolour printing on one side of webs, or for perfecting webs, i.e. monocolour or multicolour printing on both sides of webs
B41F 3/46	1-Punkt Untergruppe	. Details
B41F 3/48	2-Punkt Untergruppe	. . Press frames
B41F 3/51	2-Punkt Untergruppe	. . Type-beds; Supports therefor (B41F 3/52 take precedence) [3]
B41F 3/52	2-Punkt Untergruppe	. . Apparatus for cooling, heating, or drying printing surfaces [3]
B41F 3/54	2-Punkt Untergruppe	. . Impression cylinders; Supports therefor (blankets or like coverings B41N 10/00)
B41F 3/56	3-Punkt Untergruppe	. . . Devices for adjusting cylinders relative to type-beds and setting in adjusted position
B41F 3/58	2-Punkt Untergruppe	. . Driving, synchronising, or control gear
B41F 3/60	3-Punkt Untergruppe	. . . for type-beds
B41F 3/62	4-Punkt Untergruppe	. . . . Applications of linkwork or gearing for producing reciprocatory or angular motion
B41F 3/64	5-Punkt Untergruppe	. . . . . of crank motions
B41F 3/66	5-Punkt Untergruppe	. . . . . of rack-and-pinion gearing
B41F 3/68	6-Punkt Untergruppe	. . . . . with pinion rotating unidirectionally
B41F 3/70	4-Punkt Untergruppe	. . . . Applications of directly-coupled motors
B41F 3/72	5-Punkt Untergruppe	. . . . . of fluid motors
B41F 3/74	4-Punkt Untergruppe	. . . . Applications of clutches
B41F 3/76	4-Punkt Untergruppe	. . . . Applications of braking devices or of devices for stopping type-bed in registered position
B41F 3/78	5-Punkt Untergruppe	. . . . . Air cushions
B41F 3/80	3-Punkt Untergruppe	. . . for impression cylinders
B41F 3/81	2-Punkt Untergruppe	. . Inking units [3]
B41F 3/82	1-Punkt Untergruppe	. Auxiliary devices
B41F 3/84	2-Punkt Untergruppe	. . Arrangements of counting devices (in printing machines in general B41F 33/02) [2]
B41F 3/86	2-Punkt Untergruppe	. . Numbering devices
		Rotary machines
B41F 5/00	**Hauptgruppe**	**Rotary letterpress machines**
B41F 5/02	1-Punkt Untergruppe	. for printing on sheets
B41F 5/04	1-Punkt Untergruppe	. for printing on webs
B41F 5/06	2-Punkt Untergruppe	. . with several printing units in sequential arrangement
B41F 5/08	2-Punkt Untergruppe	. . with several printing units in both superimposed and sequential arrangement

Symbol	Typ	Titel
B41F 5/10	2-Punkt Untergruppe	. . with several printing units arranged side by side
B41F 5/12	2-Punkt Untergruppe	. . for printing on one side and on the other side of webs between the same forme and impression cylinders
B41F 5/14	2-Punkt Untergruppe	. . with several impression cylinders arranged around a forme cylinder
B41F 5/16	2-Punkt Untergruppe	. . for multicolour printing
B41F 5/18	3-Punkt Untergruppe	. . . using one impression cylinder co-operating with several forme cylinders
B41F 5/20	1-Punkt Untergruppe	. specially adapted for proof printing
B41F 5/22	1-Punkt Untergruppe	. for indirect printing [3]
B41F 5/24	1-Punkt Untergruppe	. for flexographic printing [3]
B41F 7/00	**Hauptgruppe**	**Rotary lithographic machines**
B41F 7/02	1-Punkt Untergruppe	. for offset printing
B41F 7/04	2-Punkt Untergruppe	. . using printing units incorporating one forme cylinder, one transfer cylinder, and one impression cylinder, e.g. for printing on webs
B41F 7/06	3-Punkt Untergruppe	. . . for printing on sheets
B41F 7/08	2-Punkt Untergruppe	. . using one transfer cylinder co-operating with several forme cylinders for printing on sheets or webs, e.g. sampling of colours on one transfer cylinder
B41F 7/10	2-Punkt Untergruppe	. . using one impression cylinder co-operating with several transfer cylinders for printing on sheets or webs, e.g. satellite-printing units
B41F 7/12	2-Punkt Untergruppe	. . using two cylinders one of which serves two functions, e.g. as a transfer and impression cylinder in perfecting machines
B41F 7/14	2-Punkt Untergruppe	. . with two or more impression cylinders coacting with a single transfer cylinder
B41F 7/15	3-Punkt Untergruppe	. . . for printing on more than one web simultaneously [6]
B41F 7/16	1-Punkt Untergruppe	. for printing on non-deformable material, e.g. sheet metal
B41F 7/18	1-Punkt Untergruppe	. specially adapted for proof printing
B41F 7/20	1-Punkt Untergruppe	. Details
B41F 7/24	2-Punkt Untergruppe	. . Damping devices
B41F 7/26	3-Punkt Untergruppe	. . . using transfer rollers [3]
B41F 7/28	3-Punkt Untergruppe	. . . using brushes
B41F 7/30	3-Punkt Untergruppe	. . . using spraying elements
B41F 7/32	3-Punkt Untergruppe	. . . Ducts, containers, or like supply devices for liquids
B41F 7/34	3-Punkt Untergruppe	. . . Endless bands
B41F 7/36	3-Punkt Untergruppe	. . . Inking-rollers serving also to apply ink repellent
B41F 7/37	3-Punkt Untergruppe	. . . with supercooling for condensation of air moisture (cooling forme or impression cylinders B41F 13/22) [6]
B41F 7/38	3-Punkt Untergruppe	. . . Absorbent pads
B41F 7/40	3-Punkt Untergruppe	. . . Devices for tripping or lifting damping rollers; Supporting, adjusting, or removing arrangements therefor (such arrangements or devices for inking rollers B41F 31/30)

Symbol	Typ	Titel
B41F 9/00	**Hauptgruppe**	**Rotary intaglio printing presses**
B41F 9/01	1-Punkt Untergruppe	. for indirect printing [3, 5]
B41F 9/02	1-Punkt Untergruppe	. for multicolour printing
B41F 9/04	1-Punkt Untergruppe	. specially adapted for proof printing
B41F 9/06	1-Punkt Untergruppe	. Details
B41F 9/08	2-Punkt Untergruppe	. . Wiping mechanisms
B41F 9/10	3-Punkt Untergruppe	. . . with doctors, scrapers, or like devices
B41F 9/12	3-Punkt Untergruppe	. . . with absorbent pads
B41F 9/14	3-Punkt Untergruppe	. . . with continuous flexible surfaces, e.g. endless bands
B41F 9/16	3-Punkt Untergruppe	. . . Removing or recovering ink from wiping mechanisms
B41F 9/18	2-Punkt Untergruppe	. . Auxiliary devices for exchanging forme cylinders
B41F 11/00	**Hauptgruppe**	**Rotary presses or machines having forme cylinders carrying a plurality of printing surfaces, or for performing letterpress, lithographic, or intaglio processes selectively or in combination**
B41F 11/02	1-Punkt Untergruppe	. for securities (security printing B41M 3/14) [3]
B41F 13/00	**Hauptgruppe**	**Common details of rotary presses or machines**
B41F 13/004	1-Punkt Untergruppe	. Electric or hydraulic features of drives [6]
B41F 13/008	1-Punkt Untergruppe	. Mechanical features of drives, e.g. gears, clutches [6]
B41F 13/012	2-Punkt Untergruppe	. . Taking-up backlash [6]
B41F 13/016	1-Punkt Untergruppe	. Brakes [6]
B41F 13/02	1-Punkt Untergruppe	. Conveying or guiding webs through presses or machines (web handling in general B65H, e.g. step-by-step advancement B65H 20/00, turning or reversing B65H 23/32)
B41F 13/03	2-Punkt Untergruppe	. . Threading webs into printing machines [6]
B41F 13/04	2-Punkt Untergruppe	. . intermittently
B41F 13/06	2-Punkt Untergruppe	. . Turning-bar arrangements
B41F 13/08	1-Punkt Untergruppe	. Cylinders
B41F 13/10	2-Punkt Untergruppe	. . Forme cylinders
B41F 13/11	3-Punkt Untergruppe	. . . Gravure cylinders [6]
B41F 13/12	3-Punkt Untergruppe	. . . Registering devices
B41F 13/14	4-Punkt Untergruppe	. . . . with means for displacing the cylinders
B41F 13/16	4-Punkt Untergruppe	. . . . with means for displacing the printing formes on the cylinders
B41F 13/18	2-Punkt Untergruppe	. . Impression cylinders
B41F 13/187	3-Punkt Untergruppe	. . . for rotogravure [6]
B41F 13/193	2-Punkt Untergruppe	. . Transfer cylinders; Offset cylinders [6]
B41F 13/20	2-Punkt Untergruppe	. . Supports for bearings or supports for forme, offset, or impression cylinders

Symbol	Typ	Titel
B41F 13/21	3-Punkt Untergruppe	. . . Bearer rings [6]
B41F 13/22	2-Punkt Untergruppe	. . Means for cooling or heating forme or impression cylinders
B41F 13/24	2-Punkt Untergruppe	. . Cylinder-tripping devices; Cylinder-impression adjustments
B41F 13/26	3-Punkt Untergruppe	. . . Arrangement of cylinder bearings
B41F 13/28	4-Punkt Untergruppe	. . . . Bearings mounted eccentrically of the cylinder axis
B41F 13/30	4-Punkt Untergruppe	. . . . Bearings mounted on sliding supports
B41F 13/32	4-Punkt Untergruppe	. . . . Bearings mounted on swinging supports
B41F 13/34	3-Punkt Untergruppe	. . . Cylinder-lifting or -adjusting devices
B41F 13/36	4-Punkt Untergruppe	. . . . Cams, eccentrics, wedges, or the like
B41F 13/38	4-Punkt Untergruppe	. . . . electrically or magnetically operated
B41F 13/40	4-Punkt Untergruppe	. . . . fluid-pressure operated
B41F 13/42	2-Punkt Untergruppe	. . Guards or covers, e.g. for preventing ingress or egress of foreign matter
B41F 13/44	1-Punkt Untergruppe	. Arrangements to accommodate interchangeable cylinders of different sizes to enable machine to print on areas of different sizes
B41F 13/46	1-Punkt Untergruppe	. Printing units for inserting latest news
B41F 13/48	1-Punkt Untergruppe	. Arrangements to enable printing to be effected over selected areas of a single forme cylinder (by inking selected areas B41F 31/18)
B41F 13/50	2-Punkt Untergruppe	. . by effecting relative movement of forme and impression cylinders during printing cycle
B41F 13/52	2-Punkt Untergruppe	. . by projecting and retracting parts of the surface of the forme cylinder
B41F 13/54	1-Punkt Untergruppe	. Auxiliary folding, cutting, collecting, or depositing of sheets or webs (in general B26D, B65H; gathering sheets or signatures in bookbinding B42C 1/00)
B41F 13/56	2-Punkt Untergruppe	. . Folding or cutting
B41F 13/58	3-Punkt Untergruppe	. . . lengthwise
B41F 13/60	3-Punkt Untergruppe	. . . crosswise
B41F 13/62	3-Punkt Untergruppe	. . . Folding-cylinders or drums
B41F 13/64	2-Punkt Untergruppe	. . Collecting
B41F 13/66	3-Punkt Untergruppe	. . . and stapling
B41F 13/68	2-Punkt Untergruppe	. . Adding inserts
B41F 13/70	2-Punkt Untergruppe	. . Depositing
B41F 15/00	**Hauptgruppe**	**Screen printers (for selective printing B41J 2/005)**
B41F 15/02	1-Punkt Untergruppe	. Manually-operable devices
B41F 15/04	2-Punkt Untergruppe	. . for multicolour printing
B41F 15/06	2-Punkt Untergruppe	. . with auxiliary equipment, e.g. for drying printed articles
B41F 15/08	1-Punkt Untergruppe	. Machines

Symbol	Typ	Titel
B41F 15/10	2-Punkt Untergruppe	. . for multicolour printing
B41F 15/12	2-Punkt Untergruppe	. . with auxiliary equipment, e.g. for drying printed articles
B41F 15/14	1-Punkt Untergruppe	. Details
B41F 15/16	2-Punkt Untergruppe	. . Printing tables
B41F 15/18	3-Punkt Untergruppe	. . . Supports for workpieces
B41F 15/20	4-Punkt Untergruppe	. . . . with suction-operated elements
B41F 15/22	4-Punkt Untergruppe	. . . . for single sheets
B41F 15/24	4-Punkt Untergruppe	. . . . for webs
B41F 15/26	4-Punkt Untergruppe	. . . . for articles with flat surfaces
B41F 15/28	4-Punkt Untergruppe	. . . . for elongated flat articles, e.g. strips, bands
B41F 15/30	4-Punkt Untergruppe	. . . . for articles with curved surfaces
B41F 15/32	4-Punkt Untergruppe	. . . . for articles with conical surfaces
B41F 15/34	2-Punkt Untergruppe	. . Screens; Frames; Holders therefor
B41F 15/36	3-Punkt Untergruppe	. . . flat
B41F 15/38	3-Punkt Untergruppe	. . . curved
B41F 15/40	2-Punkt Untergruppe	. . Inking units
B41F 15/42	3-Punkt Untergruppe	. . . comprising squeegees or doctors
B41F 15/44	2-Punkt Untergruppe	. . Squeegees or doctors (doctors of rotary intaglio printing presses B41F 9/10)
B41F 15/46	3-Punkt Untergruppe	. . . with two or more operative parts
B41F 16/00	**Hauptgruppe**	**Transfer printing apparatus (apparatus or machines for applying decalcomanias B65C) [4]**
B41F 16/02	1-Punkt Untergruppe	. for textile material [4]
B41F 17/00	**Hauptgruppe**	**Printing apparatus or machines of special types or for particular purposes, not otherwise provided for (hand stamps, plier-like tools for printing or punching tickets or the like B41K; addressing machines or other office printing equipment B41L; coding or marking of packaging material or of completed packages in packaging machines B65B 61/00; ticket-printing and issuing apparatus G07B)**
B41F 17/02	1-Punkt Untergruppe	. for printing books or manifolding sets
B41F 17/04	1-Punkt Untergruppe	. for printing calendars
B41F 17/06	1-Punkt Untergruppe	. for printing on rolls of material, the roll serving as impression cylinder, e.g. strip printers
B41F 17/08	1-Punkt Untergruppe	. for printing on filamentary or elongated articles, or on articles with cylindrical surfaces
B41F 17/10	2-Punkt Untergruppe	. . on articles of indefinite length, e.g. wires, hoses, tubes, yarns
B41F 17/12	3-Punkt Untergruppe	. . . at an angle to axis
B41F 17/14	2-Punkt Untergruppe	. . on articles of finite length
B41F 17/16	3-Punkt Untergruppe	. . . on end or bottom surfaces thereof
B41F 17/18	3-Punkt Untergruppe	. . . on curved surfaces of articles of varying cross-section, e.g. bottles, lamp glasses

Symbol	Typ	Titel
B41F 17/20	3-Punkt Untergruppe	. . . on articles of uniform cross-section, e.g. pencils, rulers, resistors
B41F 17/22	4-Punkt Untergruppe	. . . . by rolling contact
B41F 17/24	1-Punkt Untergruppe	. for printing on flat surfaces of polyhedral articles
B41F 17/26	2-Punkt Untergruppe	. . by rolling contact
B41F 17/28	1-Punkt Untergruppe	. for printing on curved surfaces of conical or frusto-conical articles
B41F 17/30	1-Punkt Untergruppe	. for printing on curved surfaces of essentially spherical, or part-spherical, articles
B41F 17/32	2-Punkt Untergruppe	. . on lamp bulbs
B41F 17/34	2-Punkt Untergruppe	. . on articles with surface irregularities, e.g. fruit, nuts
B41F 17/36	1-Punkt Untergruppe	. for printing on tablets, pills, or like small articles
B41F 17/38	1-Punkt Untergruppe	. for printing on knitted fabrics
B41F 19/00	**Hauptgruppe**	**Apparatus or machines for carrying out printing operations combined with other operations (auxiliary perforating apparatus associated with printing devices B41G 7/00; coding or marking in association with packaging B65B 61/00; label dispensers having printing equipment B65C) [2]**
B41F 19/02	1-Punkt Untergruppe	. with embossing (printing with a printer's forme combined with embossing B41M 1/24)
B41F 19/04	2-Punkt Untergruppe	. . using intaglio printing formes and wipers
B41F 19/06	2-Punkt Untergruppe	. . Printing and embossing between a negative and a positive forme after inking and wiping the negative forme; Printing from an ink band treated with colour or "gold"
B41F 19/08	1-Punkt Untergruppe	. Simultaneous moulding and printing
		Common details of printing machinery
B41F 21/00	**Hauptgruppe**	**Devices for conveying sheets through printing apparatus or machines (through platen presses B41F 1/28; feeding sheets to or from printing apparatus or machines B65H)**
B41F 21/02	1-Punkt Untergruppe	. Pins [3, 5]
B41F 21/04	1-Punkt Untergruppe	. Grippers [3, 5]
B41F 21/05	2-Punkt Untergruppe	. . In-feed grippers [3, 5]
B41F 21/06	2-Punkt Untergruppe	. . Suction-operated grippers
B41F 21/08	1-Punkt Untergruppe	. Combinations of endless conveyers and grippers
B41F 21/10	1-Punkt Untergruppe	. Combinations of transfer drums and grippers [3]
B41F 21/12	1-Punkt Untergruppe	. Adjusting leading edges, e.g. front stops [3]
B41F 21/14	1-Punkt Untergruppe	. Adjusting lateral edges, e.g. side stops [3]
B41F 22/00	**Hauptgruppe**	**Means preventing smudging of machine parts or printed articles (B41F 23/00 takes precedence) [6]**
B41F 23/00	**Hauptgruppe**	**Devices for treating the surfaces of sheets, webs, or other articles in connection with printing (cleaning in general B08B; as a final step in the manufacture of such articles, see appropriate subclasses, e.g. B29C 71/00, D21H 23/00 or D21H 25/00; surface treatment in general, see the relevant places, e.g. applying liquids or other fluent materials B05, of metals C23G)**
B41F 23/02	1-Punkt Untergruppe	. by dampening (in rotary lithographic machines B41F 7/24)
B41F 23/04	1-Punkt Untergruppe	. by heat drying, by cooling, by applying powders

Symbol	Typ	Titel
B41F 23/06	2-Punkt Untergruppe	. . Powdering devices, e.g. for preventing set-off
B41F 23/08	1-Punkt Untergruppe	. Print-finishing devices, e.g. for glossing prints
B41F 25/00	**Hauptgruppe**	**Devices for pressing sheets or webs against cylinders, e.g. for smoothing purposes (apparatus for taking-out curl from webs in general B65H 23/34)**
B41F 27/00	**Hauptgruppe**	**Devices for attaching printing elements or formes to supports (attaching by chemical means B41N 6/00) [5]**
B41F 27/02	1-Punkt Untergruppe	. Magnetic devices
B41F 27/04	1-Punkt Untergruppe	. for attaching printing elements to flat type-beds
B41F 27/06	1-Punkt Untergruppe	. for attaching printing elements to forme cylinders
B41F 27/08	1-Punkt Untergruppe	. for attaching printing formes to flat type-beds
B41F 27/10	1-Punkt Untergruppe	. for attaching non-deformable curved printing formes to forme cylinders
B41F 27/12	1-Punkt Untergruppe	. for attaching flexible printing formes
B41F 27/14	1-Punkt Untergruppe	. for attaching printing formes to intermediate supports, e.g. adapter members
B41F 30/00	**Hauptgruppe**	**Devices for attaching coverings or make-ready devices; Guiding devices for coverings (make-ready devices B41N 6/00; blankets or like coverings B41N 10/00) [5]**
B41F 30/02	1-Punkt Untergruppe	. attaching to impression cylinders [5]
B41F 30/04	1-Punkt Untergruppe	. attaching to transfer cylinders [5]
B41F 30/06	1-Punkt Untergruppe	. attaching of endless or like continuously-fed coverings [5]
B41F 31/00	**Hauptgruppe**	**Inking arrangements or devices (inking units for platen presses B41F 1/40; inking units for cylinder presses B41F 3/81; applying liquids or other fluent materials to surfaces, in general B05; for typewriters or selective printing mechanisms B41J)**
B41F 31/02	1-Punkt Untergruppe	. Ducts, containers, supply or metering devices (level control in general G05D 9/00) [3]
B41F 31/03	2-Punkt Untergruppe	. . Ink agitators [6]
B41F 31/04	2-Punkt Untergruppe	. . with duct-blades or like metering devices
B41F 31/05	3-Punkt Untergruppe	. . . Positioning devices therefor [6]
B41F 31/06	2-Punkt Untergruppe	. . Troughs or like reservoirs with immersed, or partly immersed, rollers or cylinders
B41F 31/07	3-Punkt Untergruppe	. . . for rotogravure [6]
B41F 31/08	2-Punkt Untergruppe	. . with ink-ejecting means, e.g. pumps, nozzles
B41F 31/10	2-Punkt Untergruppe	. . Applications of feed or duct rollers (messenger or moving transfer rollers B41F 31/14)
B41F 31/12	3-Punkt Untergruppe	. . . adjustable for regulating supply
B41F 31/13	2-Punkt Untergruppe	. . Means for driving fountain rollers [6]
B41F 31/14	2-Punkt Untergruppe	. . Applications of messenger or other moving transfer rollers
B41F 31/15	1-Punkt Untergruppe	. Devices for moving vibrator-rollers [6]
B41F 31/16	1-Punkt Untergruppe	. Continuous, e.g. endless, band apparatus
B41F 31/18	1-Punkt Untergruppe	. for inking selected parts of printing formes
B41F 31/20	1-Punkt Untergruppe	. Ink-removing or collecting devices

Symbol	Typ	Titel
B41F 31/22	1-Punkt Untergruppe	. for inking from interior of cylinder
B41F 31/24	1-Punkt Untergruppe	. Absorbent pads
B41F 31/26	1-Punkt Untergruppe	. Construction of inking rollers (inking-rollers serving also to apply ink repellent in rotary lithographic machines B41F 7/36)
B41F 31/28	1-Punkt Untergruppe	. Spray apparatus, e.g. containing brushes
B41F 31/30	1-Punkt Untergruppe	. Arrangements for tripping, lifting, adjusting, or removing inking rollers; Supports, bearings, or forks therefor
B41F 31/32	2-Punkt Untergruppe	. . Lifting or adjusting devices (for damping rollers B41F 7/40)
B41F 31/34	3-Punkt Untergruppe	. . . Cam, eccentric, wedge, or like devices
B41F 31/36	3-Punkt Untergruppe	. . . fluid-pressure operated
B41F 31/38	3-Punkt Untergruppe	. . . magnetically operated
B41F 33/00	**Hauptgruppe**	**Indicating, counting, warning, control, or safety devices (arrangements of counting devices in platen presses B41F 1/00, in cylinder presses B41F 3/84, in typewriters or selective printing mechanisms B41J 29/20; ink supply or metering devices B41J 31/02; such devices in general, see the relevant subclasses, e.g. counting in general G06M) [3]**
B41F 33/02	1-Punkt Untergruppe	. Arrangements of indicating devices, e.g. counters [2]
B41F 33/04	1-Punkt Untergruppe	. Tripping devices or stop-motions (cylinder-tripping devices of rotary presses or machines B41F 13/24; arrangements for tripping inking rollers B41F 31/30) [2]
B41F 33/06	2-Punkt Untergruppe	. . for starting or stopping operation of sheet or web feed
B41F 33/08	2-Punkt Untergruppe	. . for starting or stopping operation of cylinders
B41F 33/10	2-Punkt Untergruppe	. . for starting or stopping operation of damping or inking units
B41F 33/12	2-Punkt Untergruppe	. . for starting or stopping the machine as a whole
B41F 33/14	2-Punkt Untergruppe	. . Automatic control of tripping devices by feelers, photoelectric devices, pneumatic devices, or other detectors
B41F 33/16	1-Punkt Untergruppe	. Programming systems for automatic control of sequence of operations
B41F 33/18	1-Punkt Untergruppe	. Web break detection (B41F 33/04 takes precedence) [6]
B41F 35/00	**Hauptgruppe**	**Cleaning arrangements or devices**
B41F 35/02	1-Punkt Untergruppe	. for forme cylinders
B41F 35/04	1-Punkt Untergruppe	. for inking rollers
B41F 35/06	1-Punkt Untergruppe	. for offset cylinders