

Symbol	Typ	Titel
B	Sektion	SECTION B — PERFORMING OPERATIONS; TRANSPORTING
B30	Klasse	PRESSES
B30B	Unterklasse	PRESSES IN GENERAL; PRESSES NOT OTHERWISE PROVIDED FOR (producing ultra-high pressure or ultra-high pressure and high temperature to effect modifications of a substance, e.g. for making artificial diamonds B01J 3/00) [2]
B30B 1/00	Hauptgruppe	Presses, using a press ram, characterised by the features of the drive therefor, pressure being transmitted directly, or through simple thrust or tension members only, to the press ram or platen
B30B 1/02	1-Punkt Untergruppe	. by lever mechanism (by toggle mechanism B30B 1/10)
B30B 1/04	2-Punkt Untergruppe	. . operated by hand or foot
B30B 1/06	2-Punkt Untergruppe	. . operated by cams, eccentrics, or cranks
B30B 1/08	2-Punkt Untergruppe	. . operated by fluid-pressure means
B30B 1/10	1-Punkt Untergruppe	. by toggle mechanism
B30B 1/12	2-Punkt Untergruppe	. . operated by hand or foot
B30B 1/14	2-Punkt Untergruppe	. . operated by cams, eccentrics, or cranks
B30B 1/16	2-Punkt Untergruppe	. . operated by fluid-pressure means
B30B 1/18	1-Punkt Untergruppe	. by screw means
B30B 1/20	2-Punkt Untergruppe	. . driven by hand
B30B 1/22	2-Punkt Untergruppe	. . driven through friction disc means
B30B 1/23	2-Punkt Untergruppe	. . operated by fluid-pressure means [2]
B30B 1/24	1-Punkt Untergruppe	. by rack-and-pinion means
B30B 1/26	1-Punkt Untergruppe	. by cams, eccentrics, or cranks
B30B 1/28	2-Punkt Untergruppe	. . the cam, crank, or eccentric being disposed below the lower platen or table and operating to pull down the upper platen or slide
B30B 1/30	1-Punkt Untergruppe	. by the pull of chains or ropes
B30B 1/32	1-Punkt Untergruppe	. by plungers under fluid pressure
B30B 1/34	2-Punkt Untergruppe	. . involving a plurality of plungers acting on the platen (gas operated B30B 1/38)
B30B 1/36	2-Punkt Untergruppe	. . having telescoping plungers (gas operated B30B 1/38)
B30B 1/38	2-Punkt Untergruppe	. . wherein the plungers are operated by pressure of a gas, e.g. steam, air
B30B 1/40	1-Punkt Untergruppe	. by wedge means
B30B 1/42	1-Punkt Untergruppe	. by magnetic means, e.g. electromagnetic [2]
B30B 3/00	Hauptgruppe	Presses characterised by the use of rotary pressing members, e.g. rollers, rings, discs
B30B 3/02	1-Punkt Untergruppe	. co-operating with a fixed member
B30B 3/04	1-Punkt Untergruppe	. co-operating with one another, e.g. with co-operating cones

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B30B 3/06	2-Punkt Untergruppe	. . arranged one within another, e.g. with a roller disposed within a rotating ring and co-operating with the inner surface thereof
B30B 5/00	Hauptgruppe	Presses characterised by the use of pressing means other than those mentioned in groups B30B 1/00 and B30B 3/00
B30B 5/02	1-Punkt Untergruppe	. wherein the pressing means is in the form of a flexible element, e.g. diaphragm, urged by fluid pressure [2]
B30B 5/04	1-Punkt Untergruppe	. wherein the pressing means is in the form of an endless band
B30B 5/06	2-Punkt Untergruppe	. . co-operating with another endless band
B30B 7/00	Hauptgruppe	Presses characterised by a particular arrangement of the pressing members
B30B 7/02	1-Punkt Untergruppe	. having several platens arranged one above the other
B30B 7/04	1-Punkt Untergruppe	. wherein pressing is effected in different directions simultaneously or in turn
B30B 9/00	Hauptgruppe	Presses specially adapted for particular purposes
B30B 9/02	1-Punkt Untergruppe	. for squeezing-out liquid from liquid-containing material, e.g. juice from fruits, oil from oil-containing material (kitchen equipment A47J); filtering, e.g. straining solids from liquids, using presses in combination with filtering elements B01D; expelling water from textile fabrics or laundry D06C, D06F; drying F26)
B30B 9/04	2-Punkt Untergruppe	. . using press rams
B30B 9/06	3-Punkt Untergruppe	. . . co-operating with permeable casings or strainers
B30B 9/08	3-Punkt Untergruppe	. . . co-operating with a rotary casing
B30B 9/10	3-Punkt Untergruppe	. . . without use of a casing
B30B 9/12	2-Punkt Untergruppe	. . using pressing worms or screws co-operating with a permeable casing
B30B 9/14	3-Punkt Untergruppe	. . . operating with only one screw or worm
B30B 9/16	3-Punkt Untergruppe	. . . operating with two or more screws or worms
B30B 9/18	3-Punkt Untergruppe	. . . with means for adjusting the outlet for the solid
B30B 9/20	2-Punkt Untergruppe	. . using rotary pressing members, other than worms or screws, e.g. rollers, rings, discs
B30B 9/22	2-Punkt Untergruppe	. . using a flexible element, e.g. diaphragm, urged by fluid pressure (connection of valves to inflatable elastic bodies B60C 29/00) [3]
B30B 9/24	2-Punkt Untergruppe	. . using an endless pressing band
B30B 9/26	2-Punkt Untergruppe	. . Permeable casings or strainers
B30B 9/28	1-Punkt Untergruppe	. for forming shaped articles (from material in powder, granular, or paste form, e.g. briquetting presses, B30B 11/00)
B30B 9/30	1-Punkt Untergruppe	. for baling; Compression boxes therefor (baling hay, straw, or the like A01F)
B30B 9/32	1-Punkt Untergruppe	. for consolidating scrap metal or for compacting used cars
B30B 11/00	Hauptgruppe	Presses specially adapted for forming shaped articles from material in particulate or plastic state, e.g. briquetting presses, tableting presses (apparatus for forming or shaping of dough A21C 3/00, A21C 11/00; apparatus for shaping clay or mixtures containing cement B28B; apparatus for shaping of plastic or substances in a plastic state B29, e.g. for compression moulding B29C 43/00, for extrusion moulding B29C 47/00)
B30B 11/02	1-Punkt Untergruppe	. using a ram exerting pressure on the material in a moulding space
B30B 11/04	2-Punkt Untergruppe	. . co-operating with a fixed mould

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B30B 11/06	3-Punkt Untergruppe	. . . each charge of the material being compressed against the previously formed body
B30B 11/08	2-Punkt Untergruppe	. . co-operating with moulds carried by a turn-table
B30B 11/10	3-Punkt Untergruppe	. . . intermittently rotated
B30B 11/12	2-Punkt Untergruppe	. . co-operating with moulds on the circumference of a rotating drum
B30B 11/14	2-Punkt Untergruppe	. . co-operating with moulds on a movable carrier other than a turn-table or a rotating drum
B30B 11/16	1-Punkt Untergruppe	. using pocketed rollers, e.g. two co-operating pocketed rollers
B30B 11/18	1-Punkt Untergruppe	. using profiled rollers
B30B 11/20	1-Punkt Untergruppe	. Roller-and-ring machines, i.e. with roller disposed within a ring and co-operating with the inner surface of the ring
B30B 11/22	1-Punkt Untergruppe	. Extrusion presses; Dies therefor (extruding by the use of roller-and-ring machines B30B 11/20)
B30B 11/24	2-Punkt Untergruppe	. . using screws or worms
B30B 11/26	2-Punkt Untergruppe	. . using press rams
B30B 11/28	2-Punkt Untergruppe	. . using perforated rollers or discs
B30B 11/30	2-Punkt Untergruppe	. . using directly-acting fluid pressure
B30B 11/34	1-Punkt Untergruppe	. for coating articles, e.g. tablets
B30B 12/00	Hauptgruppe	Presses not provided for in groups B30B 1/00-B30B 11/00 [2]
B30B 13/00	Hauptgruppe	Methods of pressing not special to the use of presses of any one of the preceding main groups B30B 1/00-B30B 12/00 [2]
B30B 15/00	Hauptgruppe	Details of, or accessories for, presses; Auxiliary measures in connection with pressing (safety devices F16P)
B30B 15/02	1-Punkt Untergruppe	. Dies; Inserts therefor; Mountings thereof; Moulds (extrusion dies B30B 11/22)
B30B 15/04	1-Punkt Untergruppe	. Frames; Guides
B30B 15/06	1-Punkt Untergruppe	. Platens or press rams
B30B 15/08	1-Punkt Untergruppe	. Accessory tools, e.g. knives; Mountings therefor
B30B 15/10	1-Punkt Untergruppe	. Brakes specially adapted for presses
B30B 15/12	1-Punkt Untergruppe	. Clutches specially adapted for presses
B30B 15/14	1-Punkt Untergruppe	. Control arrangements for mechanically-driven presses
B30B 15/16	1-Punkt Untergruppe	. Control arrangements for fluid-driven presses (pumps <u>per se</u> F04; hydraulic accumulators <u>per se</u> F15B; valves <u>per se</u> F16K)
B30B 15/18	2-Punkt Untergruppe	. . controlling the reciprocating motion of the ram
B30B 15/20	3-Punkt Untergruppe	. . . controlling the speed of the ram, e.g. the speed of the approach, pressing or return strokes
B30B 15/22	2-Punkt Untergruppe	. . controlling the degree of pressure applied by the ram during the pressing stroke
B30B 15/24	2-Punkt Untergruppe	. . controlling the movement of a plurality of actuating members to maintain parallel movement of the platen or press beam
B30B 15/26	1-Punkt Untergruppe	. Programme control arrangements

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B30B 15/28	1-Punkt Untergruppe	. Arrangements for preventing distortion of, or damage to, presses or parts thereof
B30B 15/30	1-Punkt Untergruppe	. Feeding material to presses
B30B 15/32	1-Punkt Untergruppe	. Discharging presses
B30B 15/34	1-Punkt Untergruppe	. Heating or cooling presses or parts thereof