

58 Pressar

58a Hydrauliska pressar [-69]

58a (IPC: B30B) Presses in general [69-]

58b Icke-hydrauliska pressar [-69]

58a Hydrauliska pressar [-69]

58a-1 Hydrauliska pressar i allmänhet (7c-16; 49g-10/01 – 49g-10/02; 49g-11; 58a-5 – 58a-8; 80a-15) [-69]

58a-2 Pumpverk eller hydrauliska trycköverförare för hydrauliska pressar [-69]

58a-3 Regleranordningar eller ventiler för hydrauliska pressar (47g-9/01 – 47g-9/04; 47g-10/01; 47g-10/02; 47g-13) [-69]

58a-4 Hydrauliska ackumulatorer [-69]

58a-5 Hydrauliska kolvpressar för frukt e.d. [-69]

58a-6 Hydrauliska formpressar (80a-15) [-69]

58a-7 Hydrauliska oljepressar (58b-11) [-69]

58a-8 Andra anordningar vid hydrauliska pressar [-69]

58a (IPC: B30B) Presses in general [69-]

Note:

This subclass provides for presses in general and also for those presses, for particular purposes, which are not provided for elsewhere.

[69-]

58a-1/00 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 [69-]

58a-1/02 . by lever mechanism (by toggle mechanism 58a-1/10) [-69]

58a-1/04 . . operated by hand or foot [-69]

58a-1/06 . . operated by cams, eccentrics, or cranks [-69]

58a-1/08 . . operated by fluid-pressure means [-69]

58a-1/10 . by toggle mechanism [-69]

58a-1/12 . . operated by hand or foot [-69]

58a-1/14 . . operated by cams, eccentrics, or cranks [-69]

58a-1/16 . . operated by fluid-pressure means [-69]

58a-1/18 . by screw means [-69]

58a-1/20 . . driven by hand [-69]

58a-1/22 . . driven through friction disc means [-69]

58a-1/23 . . operated by fluid pressure means [-69]

58a-1/24 . by rack-and-pinion means [-69]

58a-1/26 . by cams, eccentrics, or cranks [-69]

58a-1/28 . . the cam, crank, or eccentric being disposed below the lower platen or table and operating to pull down the upper platen or slide [-69]

58a-1/30 . by the pull of chains or ropes [-69]

58a-1/32 . by plungers under fluid pressure [-69]

58a-1/34 . . involving a plurality of plungers acting on the platen (gas operated 58a-1/38) [-69]

58a-1/36 . . having telescoping plungers (gas operated 58a-1/38) [-69]

58a-1/38 . . wherein the plungers are operated by pressure of a gas, e.g. steam, air [-69]

58a-1/40 . by wedge means [-69]

58a-1/42 . by magnetic means, e.g. electromagnetic (shaping of sheet metal or the like by applying magnetic forces 7c-26/14) [-69]

58a-1/44 . in which the tools move with the material to be pressed [-69]

58a-3/00	Presses characterised by the use of rotary pressing members, e.g. rollers, rings, discs	[69-]
58a-3/02	. co-operating with a fixed member	[69-]
58a-3/04	. co-operating with one another, e.g. with co-operating cones	[69-]
58a-3/06	. . arranged one within another, e.g. with a roller disposed within a rotating ring and co-operating with the inner surface thereof	[69-]
58a-5/00	Presses characterised by the use of pressing means other than those mentioned in the preceding groups	[69-]
58a-5/02	. wherein the pressing means is in the form of a flexible diaphragm, urged by fluid pressure	[69-]
58a-5/04	. wherein the pressing means is in the form of an endless band	[69-]
58a-5/06	. . co-operating with another endless band	[69-]
58a-7/00	Presses characterised by a particular arrangement of the pressing members	[69-]
58a-7/02	. having several platens arranged one above the other	[69-]
58a-7/04	. wherein pressing is effected in different directions simultaneously or in turn	[69-]
58a-7/06	. with several pressing members or with pressing members that can be subdivided	[69-]
58a-7/08	. with revolving or similar multi-purpose tool holders (movable or exchangeable mountings for tools 7c-37/04)	[69-]
58a-9/00	Presses specially adapted for particular purposes	[69-]
58a-9/02	. for squeezing-out liquid from liquid-containing material, e.g. juice from fruits, oil from oil-containing material (household machines 34b-19; expelling water from textile fabrics or laundry 8a-33; drying 82a)	[69-]
58a-9/04	. . using press rams	[69-]
58a-9/06	. . . co-operating with permeable casings or strainers	[69-]
58a-9/08	. . . co-operating with a rotary casing	[69-]
58a-9/10	. . . without use of a casing	[69-]
58a-9/12	. . using pressing worms or screws co-operating with a permeable casing	[69-]
58a-9/14	. . . operating with only one screw or worm	[69-]
58a-9/16	. . . operating with two or more screws or worms	[69-]
58a-9/18	. . . with means for adjusting the outlet for the solid	[69-]
58a-9/20	. . using rotary pressing members, other than worms or screws, e.g. rollers, rings, discs	[69-]
58a-9/22	. . using a flexible diaphragm urged by fluid pressure	[69-]
58a-9/23	. . with inflatable elastic pressing members	[69-]
58a-9/24	. . using an endless pressing band	[69-]
58a-9/26	. . Permeable casings or strainers	[69-]
58a-9/28	. for forming shaped articles (from material in powder, granular, or paste form, e.g. briquetting presses 58a-11/00)	[69-]
58a-9/30	. for baling; Compression boxes therefor (baling hay, straw, or the like 45e)	[69-]
58a-9/32	. for consolidating scrap metal or for compacting used cars	[69-]
58a-9/34	. Presses for punching, drawing and pressing of metal, as regards driving of the pressing members and the general construction (bending, straightening, punching, deep-drawing and stretching of sheet metal, tubing and rods, and tools therefor 7c, nibbling machines 49c-27/00)	[69-]
58a-11/00	Presses specially adapted for forming shaped articles from material in powder, granular or paste form, e.g. briquetting presses, tableting presses (for clay or mixtures containing cement 80a; for plastics 39a2-3/00)	[69-]
58a-11/02	. using a ram exerting pressure on the material in a moulding space	[69-]
58a-11/04	. . co-operating with a fixed mould	[69-]
58a-11/06	. . . each charge of the material being compressed against the previously formed body	[69-]
58a-11/08	. . co-operating with moulds carried by a turn-table	[69-]
58a-11/10	. . . intermittently rotated	[69-]
58a-11/12	. . co-operating with moulds on the circumference of a rotating drum	[69-]

58a-11/14	. . co-operating with moulds on a movable carrier other than a turn-table or a rotating drum	[69-]
58a-11/16	. using pocketed rollers, e.g. two co-operating pocketed rollers	[69-]
58a-11/18	. using profiled rollers	[69-]
58a-11/20	. Roller-and-ring machines, i.e. with roller disposed within a ring and co-operating with the inner surface of the ring	[69-]
58a-11/22	. Extrusion presses; Dies therefor (extruding by the use of roller-and-ring machines 58a-11/20)	[69-]
58a-11/24	. . using screws or worms	[69-]
58a-11/26	. . using press rams	[69-]
58a-11/28	. . using perforated rollers or discs	[69-]
58a-11/30	. . using directly-acting fluid pressure	[69-]
58a-11/32	. involving the use of very high pressures, e.g. for the formation of artificial diamonds; Moulds or dies therefor	[69-]
58a-11/34	. for coating articles, e.g. tablets	[69-]
58a-13/00	Methods of pressing not special to the use of presses of any one of the preceding groups	[69-]
58a-15/00	Details of, or accessories for, presses; Auxiliary measures in connection with pressing (safety devices 47a4)	[69-]
58a-15/02	. Dies; Inserts therefor; Mountings thereof; Moulds (extrusion dies 58a-11/22)	[69-]
58a-15/04	. Frames; Guides	[69-]
58a-15/06	. Platens or press rams	[69-]
58a-15/08	. Accessory tools, e.g. knives; Mountings therefor	[69-]
58a-15/10	. Brakes specially adapted for presses (brakes in general 47c)	[69-]
58a-15/12	. Clutches specially adapted for presses (clutches in general 47c)	[69-]
58a-15/13	. Gearings specially adapted for presses (gearings in general 47h)	[69-]
58a-15/14	. Control arrangements for mechanically-driven presses	[69-]
58a-15/16	. Control arrangements for fluid-driven presses (hydraulic accumulators per se 60a; valves per se 47g1; control devices in general 42r)	[69-]
58a-15/18	. . controlling the reciprocating motion of the ram	[69-]
58a-15/20	. . . controlling the speed of the ram, e.g. the speed of the approach, pressing or return strokes	[69-]
58a-15/22	. . controlling the degree of pressure applied by the ram during the pressing stroke	[69-]
58a-15/24	. . controlling the movement of a plurality of actuating members to maintain parallel movement of the platen or press beam	[69-]
58a-15/26	. Programme control arrangements	[69-]
58a-15/28	. Arrangements for preventing distortion of, or damage to, presses or parts thereof	[69-]
58a-15/30	. Feeding material to presses	[69-]
58a-15/32	. Discharging presses	[69-]
58a-15/34	. Heating or cooling presses or parts thereof	[69-]
58b	Icke-hydrauliska pressar	[-69]
58b-1	Hävstångspressar i allmänhet (80a-10; 80a-11)	[-69]
58b-2	Skruvpressar i allmänhet	[-69]
58b-3	Kopplingsanordningar vid skruvpressar	[-69]
58b-4	Pressar med kuggstångsdrivning	[-69]
58b-5	Valspressar (8b-19; 8h-3; 45e-28; 45e-15/00; 55d-19; 55d-20/01 – 55d-20/50; 80a-25/50; 89c-8)	[-69]
58b-6	Pressar med ändlösa band (45e-28; 45e-15/00; 89b-6)	[-69]
58b-7	Excenterpressar i allmänhet (7c-13, 7c-18; 49c-17/01 – 49c-17/12; 49c-18/01; 80a-12)	[-69]
58b-8	Pressar med kilverkan	[-69]
58b-9	Snäckpressar för fuktigt material i allmänhet (10c-7; 45e-28; 45e-15/00; 80a-26; 89b-5)	[-69]

58b-10	Kolvpressar för frukt e.d. (34b-9/01 – 34b-9/10; 45e-23/01 – 45e-23/07; 45e-15/00; 58a-5)	[-69]
58b-11	Oljepressar med mekanisk drivning (23a-1; 58a-7)	[-69]
58b-12	Formpressar i allmänhet (80a; präglingspressar för mynt 75a-2)	[-69]
58b-13	Tablettpressar (30g-7/01 – 30g-7/03)	[-69]
58b-14	Balpressar i allmänhet (höpressar, halmpressar, automatiska bindanordningar 45e-23/01 – 45e-23/07; 45e-24 – 45e-28; 45e-15/04 – 45e-15/06)	[-69]
58b-15	Pressar med mottrycksfjädrar	[-69]
58b-16	Säkerhetsanordningar eller skyddsanordningar för pressar (brottsäkringar i allmänhet 47a-18)	[-69]
58b-17	Andra anordningar vid pressar med mekanisk drivning	[-69]