

Symbol	Typ	Titel
B	Sektion	PERFORMING OPERATIONS; TRANSPORTING
B22	Klasse	CASTING; POWDER METALLURGY
B22C	Unterklasse	FOUNDRI MOULDING (moulding refractory materials in general B28B)
B22C 1/00	Hauptgruppe	Compositions of refractory mould or core materials; Grain structures thereof (refractory materials in general C04B 35/00); Chemical or physical features in the formation or manufacture of moulds
B22C 1/02	1-Punkt Untergruppe	. characterised by additives for special purposes, e.g. indicators, breakdown additives
B22C 1/04	2-Punkt Untergruppe	. . for protection of the casting, e.g. against decarbonisation
B22C 1/06	3-Punkt Untergruppe	. . . for casting extremely oxidisable metals
B22C 1/08	2-Punkt Untergruppe	. . for decreasing shrinkage of the mould, e.g. for investment casting
B22C 1/10	2-Punkt Untergruppe	. . for influencing the hardening tendency of the mould material (influencing the hardening tendency of the binding agent only B22C 1/16)
B22C 1/12	2-Punkt Untergruppe	. . for manufacturing permanent moulds or cores
B22C 1/14	2-Punkt Untergruppe	. . for separating the pattern from the mould
B22C 1/16	1-Punkt Untergruppe	. characterised by the use of binding agents; Mixtures of binding agents
B22C 1/18	2-Punkt Untergruppe	. . of inorganic agents
B22C 1/20	2-Punkt Untergruppe	. . of organic agents
B22C 1/22	3-Punkt Untergruppe	. . . of resins or rosins
B22C 1/24	3-Punkt Untergruppe	. . . of oily or fatty substances; of distillation residues therefrom
B22C 1/26	3-Punkt Untergruppe	. . . of carbohydrates; of distillation residues therefrom
B22C 3/00	Hauptgruppe	Selection of compositions for coating the surfaces of moulds, cores, or patterns
B22C 3/02	1-Punkt Untergruppe	. specially adapted for vacuum-sealed moulding [6]
B22C 5/00	Hauptgruppe	Machines or devices specially designed for dressing or handling the mould material so far as specially adapted for that purpose (of general applicability, see the relevant places, e.g. for material with water-setting properties B28C)
B22C 5/02	1-Punkt Untergruppe	. Dressing by centrifuging essentially or additionally
B22C 5/04	1-Punkt Untergruppe	. by grinding, blending, mixing, kneading, or stirring
B22C 5/06	1-Punkt Untergruppe	. by sieving or magnetic separating
B22C 5/08	1-Punkt Untergruppe	. by sprinkling, cooling, or drying
B22C 5/10	1-Punkt Untergruppe	. by dust separating
B22C 5/12	1-Punkt Untergruppe	. for filling flasks (in combination with compacting B22C 15/20 to B22C 15/28)
B22C 5/13	2-Punkt Untergruppe	. . during vacuum-sealed moulding [6]
B22C 5/14	1-Punkt Untergruppe	. Equipment for storing or handling the dressed mould material, forming part of a plant for preparing such material
B22C 5/16	2-Punkt Untergruppe	. . with conveyers or other equipment for feeding the material
B22C 5/18	1-Punkt Untergruppe	. Plants for preparing mould materials
B22C 7/00	Hauptgruppe	Patterns; Manufacture thereof so far as not provided for in other classes

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B22C 7/02	1-Punkt Untergruppe	. Lost patterns
B22C 7/04	1-Punkt Untergruppe	. Pattern plates
B22C 7/05	2-Punkt Untergruppe	. . for vacuum-sealed moulding [6]
B22C 7/06	1-Punkt Untergruppe	. Core boxes
B22C 9/00	Hauptgruppe	Moulds or cores (uniquely adapted to particular casting processes B22D); Moulding processes (processes involving the use of particular moulding machines, see the relevant groups for these machines)
B22C 9/02	1-Punkt Untergruppe	. Sand moulds or like moulds for shaped castings
B22C 9/03	2-Punkt Untergruppe	. . formed by vacuum-sealed moulding [6]
B22C 9/04	2-Punkt Untergruppe	. . Use of lost patterns
B22C 9/06	1-Punkt Untergruppe	. Permanent moulds for shaped castings (moulds for ingots B22D 7/06)
B22C 9/08	1-Punkt Untergruppe	. Features with respect to supply of molten metal, e.g. ingates, circular gates, skim gates
B22C 9/10	1-Punkt Untergruppe	. Cores; Manufacture or installation of cores
B22C 9/11	2-Punkt Untergruppe	. . for vacuum-sealed moulding [6]
B22C 9/12	1-Punkt Untergruppe	. Treating moulds or cores, e.g. drying, hardening
B22C 9/14	2-Punkt Untergruppe	. . Equipment or plant specially adapted for drying moulds or cores (B22C 13/08 takes precedence)
B22C 9/16	3-Punkt Untergruppe	. . . Movable drying equipment
B22C 9/18	1-Punkt Untergruppe	. Finishing
B22C 9/20	1-Punkt Untergruppe	. Stack moulds, i.e. arrangement of multiple moulds or flasks
B22C 9/22	1-Punkt Untergruppe	. Moulds for peculiarly-shaped castings
B22C 9/24	2-Punkt Untergruppe	. . for hollow articles
B22C 9/26	3-Punkt Untergruppe	. . . for ribbed tubes; for radiators
B22C 9/28	2-Punkt Untergruppe	. . for wheels, rolls, or rollers
B22C 9/30	2-Punkt Untergruppe	. . for chains
		<u>Moulding machines for making moulds or cores</u>
B22C 11/00	Hauptgruppe	Moulding machines characterised by the relative arrangement of the parts of same
B22C 11/02	1-Punkt Untergruppe	. Machines in which the moulds are moved during a cycle of successive operations
B22C 11/04	2-Punkt Untergruppe	. . by a horizontal rotary table or carrier
B22C 11/06	2-Punkt Untergruppe	. . by a vertical rotary carrier
B22C 11/08	2-Punkt Untergruppe	. . by non-rotary conveying means, e.g. by travelling platforms
B22C 11/10	1-Punkt Untergruppe	. with one or more flasks forming part of the machine, from which only the sand moulds made by compacting are removed
B22C 11/12	1-Punkt Untergruppe	. Moulding machines able to travel
B22C 13/00	Hauptgruppe	Moulding machines for making moulds or cores of particular shapes
B22C 13/02	1-Punkt Untergruppe	. equipped with templates, e.g. for sweeping operation

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B22C 13/04	2-Punkt Untergruppe	. . with rotary templates, e.g. arranged on a pillar
B22C 13/06	2-Punkt Untergruppe	. . with non-rotary template and rotary flask
B22C 13/08	1-Punkt Untergruppe	. for shell moulds or shell cores
B22C 13/10	1-Punkt Untergruppe	. for pipes or elongated hollow articles
B22C 13/12	1-Punkt Untergruppe	. for cores
B22C 13/14	2-Punkt Untergruppe	. . by sweeping, turning, or coating
B22C 13/16	2-Punkt Untergruppe	. . by pressing through a die
B22C 15/00	Hauptgruppe	Moulding machines characterised by the compacting mechanism; Accessories therefor
B22C 15/02	1-Punkt Untergruppe	. Compacting by pressing devices only
B22C 15/04	2-Punkt Untergruppe	. . involving muscle power, e.g. hand-operated levers
B22C 15/06	2-Punkt Untergruppe	. . involving mechanical gearings, e.g. crank gears (B22C 15/04 takes precedence)
B22C 15/08	2-Punkt Untergruppe	. . involving pneumatic or hydraulic mechanisms
B22C 15/10	1-Punkt Untergruppe	. Compacting by jarring devices only
B22C 15/12	2-Punkt Untergruppe	. . involving mechanical gearings
B22C 15/14	2-Punkt Untergruppe	. . involving pneumatic or hydraulic mechanisms
B22C 15/16	3-Punkt Untergruppe	. . . the machine having special provision for reducing shock to its frame
B22C 15/18	4-Punkt Untergruppe	 by means of separate shock-absorbers
B22C 15/20	1-Punkt Untergruppe	. Compacting by centrifugal forces only, e.g. in sand slingers
B22C 15/23	1-Punkt Untergruppe	. Compacting by gas pressure or vacuum [6]
B22C 15/24	2-Punkt Untergruppe	. . involving blowing devices in which the mould material is supplied in the form of loose particles
B22C 15/26	2-Punkt Untergruppe	. . involving propulsion devices in which the mould material is supplied in the shape of a compacted column or the like
B22C 15/264	2-Punkt Untergruppe	. . Compacting after charge of the mould material [6]
B22C 15/268	3-Punkt Untergruppe	. . . involving explosive combustion [6]
B22C 15/272	3-Punkt Untergruppe	. . . involving the storage of gas under pressure [6]
B22C 15/276	3-Punkt Untergruppe	. . . by vacuum, e.g. vacuum-sealed moulding processes [6]
B22C 15/28	1-Punkt Untergruppe	. Compacting by different means acting simultaneously or successively, e.g. preliminary blowing and finally pressing
B22C 15/30	2-Punkt Untergruppe	. . by both pressing and jarring devices
B22C 15/32	3-Punkt Untergruppe	. . . involving mechanical gearing only
B22C 15/34	3-Punkt Untergruppe	. . . involving pneumatic or hydraulic mechanisms only
B22C 17/00	Hauptgruppe	Moulding machines characterised by the mechanism for separating the pattern from the mould or for turning over the flask or the pattern plate
B22C 17/02	1-Punkt Untergruppe	. Moulding machines with pin lifting arrangement

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B22C 17/04	1-Punkt Untergruppe	. Drop-plate moulding machines
B22C 17/06	1-Punkt Untergruppe	. Moulding machines using stripping plates; Stripping plates
B22C 17/08	1-Punkt Untergruppe	. Moulding machines with mechanisms to turn over the pattern plate or the mould around a horizontal axis
B22C 17/10	2-Punkt Untergruppe	. . Turning-over pattern plate and flask only (B22C 17/14 takes precedence)
B22C 17/12	2-Punkt Untergruppe	. . Turning-over pattern plate, flask, and compacting device as a unit (B22C 17/14 takes precedence)
B22C 17/14	2-Punkt Untergruppe	. . arranged to one side of the mould table, so-called roll-over table moulding machines
B22C 19/00	Hauptgruppe	Components or accessories for moulding machines
B22C 19/01	1-Punkt Untergruppe	. Devices for applying sealing coating [6]
B22C 19/02	1-Punkt Untergruppe	. Mould tables
B22C 19/04	1-Punkt Untergruppe	. Controlling devices specially designed for moulding machines
B22C 19/06	1-Punkt Untergruppe	. Devices for rapping or loosening the pattern
B22C 21/00	Hauptgruppe	Flasks; Accessories therefor (stripping plates B22C 17/06)
B22C 21/01	1-Punkt Untergruppe	. for vacuum-sealed moulding [6]
B22C 21/02	1-Punkt Untergruppe	. Sectional flasks, i.e. with divided, articulated, or interchangeable side sections
B22C 21/04	1-Punkt Untergruppe	. Upset frames; Bottom boards or mould boards (pattern plates B22C 7/04)
B22C 21/06	2-Punkt Untergruppe	. . Bottom boards or mould boards
B22C 21/08	1-Punkt Untergruppe	. Clamping equipment
B22C 21/10	1-Punkt Untergruppe	. Guiding equipment
B22C 21/12	1-Punkt Untergruppe	. Accessories
B22C 21/14	2-Punkt Untergruppe	. . for reinforcing or securing moulding materials or cores, e.g. gaggers, chaplets, pins, bars
B22C 23/00	Hauptgruppe	Tools; Devices not mentioned before for moulding
B22C 23/02	1-Punkt Untergruppe	. Devices for coating moulds or cores
B22C 25/00	Hauptgruppe	Foundry moulding plants (for preparing mould materials B22C 5/18; in combination with casting plants B22D 47/02)