

Symbol	Typ	Titel
<b>B</b>	<b>Sektion</b>	<b>PERFORMING OPERATIONS; TRANSPORTING</b>
<b>B22</b>	<b>Klasse</b>	<b>CASTING; POWDER METALLURGY</b>
<b>B22C</b>	<b>Unterkategorie</b>	<b>FOUNDRY MOULDING (moulding refractory materials in general B28B)</b>
<b>B22C 1/00</b>	<b>Hauptgruppe</b>	<b>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 [1, 2006.01]</b>
B22C 1/02	1-Punkt Untergruppe	. characterised by additives for special purposes, e.g. indicators, breakdown additives [1, 2006.01]
B22C 1/04	2-Punkt Untergruppe	.. for protection of the casting, e.g. against decarbonisation [1, 2006.01]
B22C 1/06	3-Punkt Untergruppe	... for casting extremely oxidisable metals [1, 2006.01]
B22C 1/08	2-Punkt Untergruppe	... for decreasing shrinkage of the mould, e.g. for investment casting [1, 2006.01]
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) [1, 2006.01]
B22C 1/12	2-Punkt Untergruppe	... for manufacturing permanent moulds or cores [1, 2006.01]
B22C 1/14	2-Punkt Untergruppe	... for separating the pattern from the mould [1, 2006.01]
B22C 1/16	1-Punkt Untergruppe	. characterised by the use of binding agents; Mixtures of binding agents [1, 2006.01]
B22C 1/18	2-Punkt Untergruppe	... of inorganic agents [1, 2006.01]
B22C 1/20	2-Punkt Untergruppe	... of organic agents [1, 2006.01]
B22C 1/22	3-Punkt Untergruppe	... of resins or rosins [1, 2006.01]
B22C 1/24	3-Punkt Untergruppe	... of oily or fatty substances; of distillation residues therefrom [1, 2006.01]
B22C 1/26	3-Punkt Untergruppe	... of carbohydrates; of distillation residues therefrom [1, 2006.01]
<b>B22C 3/00</b>	<b>Hauptgruppe</b>	<b>Selection of compositions for coating the surfaces of moulds, cores, or patterns [1, 2006.01]</b>
B22C 3/02	1-Punkt Untergruppe	. specially adapted for vacuum-sealed moulding [6, 2006.01]
<b>B22C 5/00</b>	<b>Hauptgruppe</b>	<b>Machines or devices specially designed for dressing or handling the mould material so far as specially adapted for that purpose (of general applicability, <u>see</u> the relevant places, e.g. for material with water-setting properties B28C) [1, 2006.01]</b>
B22C 5/02	1-Punkt Untergruppe	. Dressing by centrifuging essentially or additionally [1, 2006.01]
B22C 5/04	1-Punkt Untergruppe	. by grinding, blending, mixing, kneading, or stirring [1, 2006.01]
B22C 5/06	1-Punkt Untergruppe	. by sieving or magnetic separating [1, 2006.01]
B22C 5/08	1-Punkt Untergruppe	. by sprinkling, cooling, or drying [1, 2006.01]
B22C 5/10	1-Punkt Untergruppe	. by dust separating [1, 2006.01]
B22C 5/12	1-Punkt Untergruppe	. for filling flasks (in combination with compacting B22C 15/20-B22C 15/28) [1, 2006.01]
B22C 5/13	2-Punkt Untergruppe	.. during vacuum-sealed moulding [6, 2006.01]
B22C 5/14	1-Punkt Untergruppe	. Equipment for storing or handling the dressed mould material, forming part of a plant for preparing such material [1, 2006.01]
B22C 5/16	2-Punkt Untergruppe	.. with conveyors or other equipment for feeding the material [1, 2006.01]

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B22C 5/18	1-Punkt Untergruppe	. Plants for preparing mould materials [1, 2006.01]
<b>B22C 7/00</b>	<b>Hauptgruppe</b>	<b>Patterns; Manufacture thereof so far as not provided for in other classes [1, 2006.01]</b>
B22C 7/02	1-Punkt Untergruppe	. Lost patterns [1, 2006.01]
B22C 7/04	1-Punkt Untergruppe	. Pattern plates [1, 2006.01]
B22C 7/05	2-Punkt Untergruppe	.. for vacuum-sealed moulding [6, 2006.01]
B22C 7/06	1-Punkt Untergruppe	. Core boxes [1, 2006.01]
<b>B22C 9/00</b>	<b>Hauptgruppe</b>	<b>Moulds or cores (uniquely adapted to particular casting processes B22D); Moulding processes (processes involving the use of particular moulding machines, <u>see</u> the relevant groups for these machines) [1, 2006.01]</b>
B22C 9/02	1-Punkt Untergruppe	. Sand moulds or like moulds for shaped castings [1, 2006.01]
B22C 9/03	2-Punkt Untergruppe	.. formed by vacuum-sealed moulding [6, 2006.01]
B22C 9/04	2-Punkt Untergruppe	.. Use of lost patterns [1, 2006.01]
B22C 9/06	1-Punkt Untergruppe	. Permanent moulds for shaped castings (moulds for ingots B22D 7/06) [1, 2006.01]
B22C 9/08	1-Punkt Untergruppe	. Features with respect to supply of molten metal, e.g. ingates, circular gates, skim gates [1, 2006.01]
B22C 9/10	1-Punkt Untergruppe	. Cores; Manufacture or installation of cores [1, 2006.01]
B22C 9/11	2-Punkt Untergruppe	.. for vacuum-sealed moulding [6, 2006.01]
B22C 9/12	1-Punkt Untergruppe	. Treating moulds or cores, e.g. drying, hardening [1, 2006.01]
B22C 9/14	2-Punkt Untergruppe	.. Equipment or plant specially adapted for drying moulds or cores (B22C 13/08 takes precedence) [1, 2006.01]
B22C 9/16	3-Punkt Untergruppe	... Movable drying equipment [1, 2006.01]
B22C 9/18	1-Punkt Untergruppe	. Finishing [1, 2006.01]
B22C 9/20	1-Punkt Untergruppe	. Stack moulds, i.e. arrangement of multiple moulds or flasks [1, 2006.01]
B22C 9/22	1-Punkt Untergruppe	. Moulds for peculiarly-shaped castings [1, 2006.01]
B22C 9/24	2-Punkt Untergruppe	.. for hollow articles [1, 2006.01]
B22C 9/26	3-Punkt Untergruppe	... for ribbed tubes; for radiators [1, 2006.01]
B22C 9/28	2-Punkt Untergruppe	.. for wheels, rolls, or rollers [1, 2006.01]
B22C 9/30	2-Punkt Untergruppe	.. for chains [1, 2006.01]
<b><u>Moulding machines for making moulds or cores</u></b>		
<b>B22C 11/00</b>	<b>Hauptgruppe</b>	<b>Moulding machines for making moulds or cores, characterised by the relative arrangement of their parts [1, 2006.01]</b>
B22C 11/02	1-Punkt Untergruppe	. Machines in which the moulds are moved during a cycle of successive operations [1, 2006.01]
B22C 11/04	2-Punkt Untergruppe	.. by a horizontal rotary table or carrier [1, 2006.01]
B22C 11/06	2-Punkt Untergruppe	.. by a vertical rotary carrier [1, 2006.01]
B22C 11/08	2-Punkt Untergruppe	.. by non-rotary conveying means, e.g. by travelling platforms [1, 2006.01]

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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 [1, 2006.01]
B22C 11/12	1-Punkt Untergruppe	. Moulding machines able to travel [1, 2006.01]
<b>B22C 13/00</b>	<b>Hauptgruppe</b>	<b>Moulding machines for making moulds or cores of particular shapes [1, 2006.01]</b>
B22C 13/02	1-Punkt Untergruppe	. equipped with templates, e.g. for sweeping operation [1, 2006.01]
B22C 13/04	2-Punkt Untergruppe	.. with rotary templates, e.g. arranged on a pillar [1, 2006.01]
B22C 13/06	2-Punkt Untergruppe	.. with non-rotary template and rotary flask [1, 2006.01]
B22C 13/08	1-Punkt Untergruppe	. for shell moulds or shell cores [1, 2006.01]
B22C 13/10	1-Punkt Untergruppe	. for pipes or elongated hollow articles [1, 2006.01]
B22C 13/12	1-Punkt Untergruppe	. for cores [1, 2006.01]
B22C 13/14	2-Punkt Untergruppe	.. by sweeping, turning, or coating [1, 2006.01]
B22C 13/16	2-Punkt Untergruppe	.. by pressing through a die [1, 2006.01]
<b>B22C 15/00</b>	<b>Hauptgruppe</b>	<b>Moulding machines for making moulds or cores, characterised by the compacting mechanism; Accessories therefor [1, 2006.01]</b>
B22C 15/02	1-Punkt Untergruppe	. Compacting by pressing devices only [1, 2006.01]
B22C 15/04	2-Punkt Untergruppe	.. involving muscle power, e.g. hand-operated levers [1, 2006.01]
B22C 15/06	2-Punkt Untergruppe	.. involving mechanical gearings, e.g. crank gears (B22C 15/04 takes precedence) [1, 2006.01]
B22C 15/08	2-Punkt Untergruppe	.. involving pneumatic or hydraulic mechanisms [1, 2006.01]
B22C 15/10	1-Punkt Untergruppe	. Compacting by jarring devices only [1, 2006.01]
B22C 15/12	2-Punkt Untergruppe	.. involving mechanical gearings [1, 2006.01]
B22C 15/14	2-Punkt Untergruppe	.. involving pneumatic or hydraulic mechanisms [1, 2006.01]
B22C 15/16	3-Punkt Untergruppe	... the machine having special provision for reducing shock to its frame [1, 2006.01]
B22C 15/18	4-Punkt Untergruppe	.... by means of separate shock-absorbers [1, 2006.01]
B22C 15/20	1-Punkt Untergruppe	. Compacting by centrifugal forces only, e.g. in sand slingers [1, 2006.01]
B22C 15/23	1-Punkt Untergruppe	. Compacting by gas pressure or vacuum [6, 2006.01]
B22C 15/24	2-Punkt Untergruppe	.. involving blowing devices in which the mould material is supplied in the form of loose particles [1, 2006.01]
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 [1, 2006.01]
B22C 15/264	2-Punkt Untergruppe	.. Compacting after charge of the mould material [6, 2006.01]
B22C 15/268	3-Punkt Untergruppe	... involving explosive combustion [6, 2006.01]
B22C 15/272	3-Punkt Untergruppe	... involving the storage of gas under pressure [6, 2006.01]
B22C 15/276	3-Punkt Untergruppe	... by vacuum, e.g. vacuum-sealed moulding processes [6, 2006.01]
B22C 15/28	1-Punkt Untergruppe	. Compacting by different means acting simultaneously or successively, e.g. preliminary blowing and finally pressing [1, 2006.01]
B22C 15/30	2-Punkt Untergruppe	.. by both pressing and jarring devices [1, 2006.01]

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B22C 15/32	3-Punkt Untergruppe	... involving mechanical gearing only [1, 2006.01]
B22C 15/34	3-Punkt Untergruppe	... involving pneumatic or hydraulic mechanisms only [1, 2006.01]
<b>B22C 17/00</b>	<b>Hauptgruppe</b>	<b>Moulding machines for making moulds or cores, characterised by the mechanism for separating the pattern from the mould or for turning over the flask or the pattern plate [1, 2006.01]</b>
B22C 17/02	1-Punkt Untergruppe	. Moulding machines with pin lifting arrangement [1, 2006.01]
B22C 17/04	1-Punkt Untergruppe	. Drop-plate moulding machines [1, 2006.01]
B22C 17/06	1-Punkt Untergruppe	. Moulding machines using stripping plates; Stripping plates [1, 2006.01]
B22C 17/08	1-Punkt Untergruppe	. Moulding machines with mechanisms to turn over the pattern plate or the mould around a horizontal axis [1, 2006.01]
B22C 17/10	2-Punkt Untergruppe	... Turning-over pattern plate and flask only (B22C 17/14 takes precedence) [1, 2006.01]
B22C 17/12	2-Punkt Untergruppe	... Turning-over pattern plate, flask, and compacting device as a unit (B22C 17/14 takes precedence) [1, 2006.01]
B22C 17/14	2-Punkt Untergruppe	... arranged to one side of the mould table, so-called roll-over table moulding machines [1, 2006.01]
<b>B22C 19/00</b>	<b>Hauptgruppe</b>	<b>Components or accessories for moulding machines for making moulds or cores [1, 2006.01]</b>
B22C 19/01	1-Punkt Untergruppe	. Devices for applying sealing coating [6, 2006.01]
B22C 19/02	1-Punkt Untergruppe	. Mould tables [1, 2006.01]
B22C 19/04	1-Punkt Untergruppe	. Controlling devices specially designed for moulding machines [1, 2006.01]
B22C 19/06	1-Punkt Untergruppe	. Devices for rapping or loosening the pattern [1, 2006.01]
<b>B22C 21/00</b>	<b>Hauptgruppe</b>	<b>Flasks; Accessories therefor (stripping plates B22C 17/06) [1, 2006.01]</b>
B22C 21/01	1-Punkt Untergruppe	. for vacuum-sealed moulding [6, 2006.01]
B22C 21/02	1-Punkt Untergruppe	. Sectional flasks, i.e. with divided, articulated, or interchangeable side sections [1, 2006.01]
B22C 21/04	1-Punkt Untergruppe	. Upset frames; Bottom boards or mould boards (pattern plates B22C 7/04) [1, 2006.01]
B22C 21/06	2-Punkt Untergruppe	... Bottom boards or mould boards [1, 2006.01]
B22C 21/08	1-Punkt Untergruppe	. Clamping equipment [1, 2006.01]
B22C 21/10	1-Punkt Untergruppe	. Guiding equipment [1, 2006.01]
B22C 21/12	1-Punkt Untergruppe	. Accessories [1, 2006.01]
B22C 21/14	2-Punkt Untergruppe	... for reinforcing or securing moulding materials or cores, e.g. gaggers, chaplets, pins, bars [1, 2006.01]
<b>B22C 23/00</b>	<b>Hauptgruppe</b>	<b>Tools; Devices not mentioned before for moulding [1, 2006.01]</b>
B22C 23/02	1-Punkt Untergruppe	. Devices for coating moulds or cores [1, 2006.01]
<b>B22C 25/00</b>	<b>Hauptgruppe</b>	<b>Foundry moulding plants (for preparing mould materials B22C 5/18; in combination with casting plants B22D 47/02) [1, 2006.01]</b>