Symbol	Typ	Titel
B	**Sektion**	**SECTION B — PERFORMING OPERATIONS; TRANSPORTING**
B28	**Klasse**	**WORKING CEMENT, CLAY, OR STONE**
B28C	**Unterklasse**	**PREPARING CLAY; PRODUCING MIXTURES CONTAINING CLAY OR CEMENTITIOUS MATERIAL, e.g. PLASTER (preparing material for foundry moulds B22C 5/00)**
B28C 1/00	**Hauptgruppe**	**Apparatus or methods for obtaining or processing clay (filtration in general B01D; separation of solids from solids B03, B07; chemical part C04B; by mining or quarrying E21C 41/16, E21C 41/26, E21C 47/10)**
B28C 1/02	1-Punkt Untergruppe	. for producing or processing clay suspensions (producing or processing suspensions in general B01)
B28C 1/04	2-Punkt Untergruppe	. . Producing suspensions, e.g. by blunging
B28C 1/06	2-Punkt Untergruppe	. . Processing suspensions
B28C 1/08	3-Punkt Untergruppe	. . . Separating suspensions, e.g. for obtaining clay, for removing stones (filtration in general B01D; separation of solids from solids B03, B07)
B28C 1/10	1-Punkt Untergruppe	. for processing clay-containing substances in non-fluid condition (clay slurries B28C 1/02)
B28C 1/12	2-Punkt Untergruppe	. . Storing and conditioning in storage; Specially adapted storage spaces or devices for their filling or emptying (feeding clay to shaping apparatus B28B 13/00)
B28C 1/14	2-Punkt Untergruppe	. . specially adapted for homogenising, comminuting or conditioning clay in non-fluid condition or for separating undesired admixtures therefrom (processes involving conversion to a slurry B28C 1/02; conditioning in storage B28C 1/12; comminuting in general B02C; chemical features in eliminating iron or lime C04B)
B28C 1/16	3-Punkt Untergruppe	. . . for homogenising, e.g. by mixing, kneading
B28C 1/18	3-Punkt Untergruppe	. . . for comminuting
B28C 1/20	3-Punkt Untergruppe	. . . for separating undesired admixed bodies
B28C 1/22	3-Punkt Untergruppe	. . . combined with means for conditioning by heating, humidifying, or vacuum treatment
		Mixing clay or cement with other material (general arrangement or layout of plant B28C 9/00; mixers in general B01F; concrete paving mixers combined with distributing devices E01C 19/00; machines for preparing mixtures of road-metal with bitumen E01C 19/10)
B28C 3/00	**Hauptgruppe**	**Apparatus or methods for mixing clay with other substances (producing clay suspensions B28C 1/02)**
B28C 5/00	**Hauptgruppe**	**Apparatus or methods for producing mixtures of cement with other substances, e.g. slurries, mortars, porous or fibrous compositions (controlling the mixing apparatus and supplying the ingredients B28C 7/00)**
B28C 5/02	1-Punkt Untergruppe	. without using driven mechanical means effecting the mixing (B28C 5/48 takes precedence) [5]
B28C 5/04	2-Punkt Untergruppe	. . Gravitational mixing; Mixing by intermingling streams of ingredients (ingredients projected by fluid pressure B28C 5/06)
B28C 5/06	2-Punkt Untergruppe	. . the mixing being effected by the action of a fluid (in combination with driven mechanical means B28C 5/38)
B28C 5/08	1-Punkt Untergruppe	. using driven mechanical means affecting the mixing (B28C 5/40, B28C 5/42, B28C 5/48 take precedence; in combination with the action of a fluid B28C 5/38) [5]
B28C 5/10	2-Punkt Untergruppe	. . Mixing in containers not actuated to effect the mixing
B28C 5/12	3-Punkt Untergruppe	. . . with stirrers sweeping through the materials
B28C 5/14	4-Punkt Untergruppe	. . . . the stirrers having motion about a horizontal or substantially horizontal axis

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B28C 5/16	4-Punkt Untergruppe	. . . . the stirrers having motion about a vertical or steeply inclined axis
B28C 5/18	2-Punkt Untergruppe	. . Mixing in containers to which motion is imparted to effect the mixing
B28C 5/20	3-Punkt Untergruppe	. . . rotating about a horizontal or substantially horizontal axis during mixing, e.g. without independent stirrers
B28C 5/22	4-Punkt Untergruppe	. . . . with stirrers held stationary
B28C 5/24	4-Punkt Untergruppe	. . . . with driven stirrers
B28C 5/26	3-Punkt Untergruppe	. . . rotating about a vertical or steeply inclined axis during the mixing
B28C 5/28	4-Punkt Untergruppe	. . . . without independent stirrers
B28C 5/30	4-Punkt Untergruppe	. . . . with stirrers held stationary
B28C 5/32	4-Punkt Untergruppe	. . . . with driven stirrers
B28C 5/34	2-Punkt Untergruppe	. . Mixing on or by conveyers
B28C 5/36	3-Punkt Untergruppe	. . . Endless-belt mixers
B28C 5/38	1-Punkt Untergruppe	. wherein the mixing is effected both by the action of a fluid and by directly-acting driven mechanical means, e.g. stirring means
B28C 5/40	1-Punkt Untergruppe	. Mixing specially adapted for preparing mixtures containing fibres
B28C 5/42	1-Punkt Untergruppe	. Apparatus specially adapted for being mounted on vehicles with provision for mixing during transport (vehicle aspect B60P 3/16)
B28C 5/44	1-Punkt Untergruppe	. Apparatus specially adapted for drive by muscle power
B28C 5/46	1-Punkt Untergruppe	. Arrangements for applying super- or sub-atmospheric pressure during mixing; Arrangements for cooling or heating during mixing
B28C 5/48	1-Punkt Untergruppe	. wherein the mixing is effected by vibrations (mixers with vibrating mechanisms in general B01F 11/00) [5]
B28C 7/00	**Hauptgruppe**	**Controlling the operation of apparatus for producing mixtures of clay or cement with other substances; Supplying or proportioning the ingredients for mixing clay or cement with other substances; Discharging the mixture**
B28C 7/02	1-Punkt Untergruppe	. Controlling the operation of the mixing
B28C 7/04	1-Punkt Untergruppe	. Supplying or proportioning the ingredients
B28C 7/06	2-Punkt Untergruppe	. . Supplying the solid ingredients, e.g. by means of endless conveyers or jigging conveyers
B28C 7/08	3-Punkt Untergruppe	. . . by means of scrapers or skips
B28C 7/10	3-Punkt Untergruppe	. . . by means of rotary members
B28C 7/12	2-Punkt Untergruppe	. . Supplying or proportioning liquid ingredients
B28C 7/14	1-Punkt Untergruppe	. Supply means incorporated in or mounted on mixers
B28C 7/16	1-Punkt Untergruppe	. Discharge means
B28C 9/00	**Hauptgruppe**	**General arrangement or layout of plant [2]**
B28C 9/02	1-Punkt Untergruppe	. for producing mixtures of clay or cement with other materials [2]
B28C 9/04	1-Punkt Untergruppe	. the plant being mobile (B28C 5/42 takes precedence) [2]