

| Symbol | Typ | Titel |
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| E | Sektion | SECTION E — FIXED CONSTRUCTIONS |
| E04 | Klasse | BUILDING (layered materials, layered products in general B32B) |
| E04G | Unterklasse | SCAFFOLDING; FORMS; SHUTTERING; BUILDING IMPLEMENTS OR OTHER BUILDING AIDS, OR THEIR USE; HANDLING BUILDING MATERIALS ON THE SITE; REPAIRING, BREAKING-UP OR OTHER WORK ON EXISTING BUILDINGS |
| | | <u>Workmen's or safety scaffolds</u> |
| E04G 1/00 | Hauptgruppe | Scaffolds primarily resting on the ground |
| E04G 1/02 | 1-Punkt Untergruppe | . composed essentially of members elongated in one dimension only, e.g. poles, lattice masts, with or without end portions of special form, connected together by any means |
| E04G 1/04 | 2-Punkt Untergruppe | . . the members being exclusively poles, rods, beams, or other members of similar form and simple cross-section |
| E04G 1/06 | 3-Punkt Untergruppe | . . . comprising members with rod-like or tubular portions fitting together end to end, with or without separate connecting pieces |
| E04G 1/08 | 3-Punkt Untergruppe | . . . secured together by bolts or the like penetrating the members |
| E04G 1/10 | 4-Punkt Untergruppe | Timber-work constructions |
| E04G 1/12 | 2-Punkt Untergruppe | . . comprising members of special, e.g. composite, cross-section, or with lugs or the like or lateral apertures for supporting or attaching other members |
| <i>E04G 1/14</i> | <i>1-Punkt Untergruppe</i> | <i>. . . . Comprising essentially pre-assembled two-dimensional frame-like elements, e.g. of rods in L- or H-shape, with or without bracing (E04G 1/15 takes precedence) [1, 2006.01]</i> |
| <i>E04G 1/15</i> | <i>1-Punkt Untergruppe</i> | <i>. . . . essentially comprising special means for supporting or forming platforms (E04G 1/20 takes precedence); Platforms (boards or planks therefor E04G 5/08) [1, 2006.01]</i> |
| E04G 1/16 | Gelöscht | (transferred to E04G 1/17; E04G 5/16) |
| <i>E04G 1/17</i> | <i>1-Punkt Untergruppe</i> | <i>. . . . Comprising essentially pre-assembled three-dimensional elements, e.g. cubic elements [2006.01]</i> |
| E04G 1/18 | 1-Punkt Untergruppe | . adjustable in height |
| E04G 1/20 | 2-Punkt Untergruppe | . . Scaffolds comprising upright members and provision for supporting cross-members or platforms at different positions therealong |
| E04G 1/22 | 2-Punkt Untergruppe | . . Scaffolds having a platform on an extensible sub-structure, e.g. of telescopic type or with lazy-tongs mechanism |
| E04G 1/24 | 1-Punkt Untergruppe | . comprising essentially special base constructions; comprising essentially special ground-engaging parts, e.g. inclined struts, wheels (component parts E04G 5/00) |
| E04G 1/26 | Gelöscht | (transferred to E04G 5/00) |
| E04G 1/28 | 1-Punkt Untergruppe | . designed to provide support only at a low height |
| E04G 1/30 | 2-Punkt Untergruppe | . . Ladder scaffolds |
| E04G 1/32 | 2-Punkt Untergruppe | . . Other free-standing supports, e.g. using trestles (stands or trestles in general F16M 11/00) |
| E04G 1/34 | 1-Punkt Untergruppe | . Scaffold constructions able to be folded in prismatic or flat parts or able to be turned down |
| E04G 1/36 | 1-Punkt Untergruppe | . Scaffolds for particular parts of buildings or buildings of particular shape, e.g. for stairs, cupolas, domes |
| <i>E04G 1/38</i> | <i>1-Punkt Untergruppe</i> | <i>. . . . Scaffolds partly supported by the building (ladders attachable to structures E06C 1/34) [2006.01]</i> |
| E04G 3/00 | Hauptgruppe | Scaffolds essentially supported by building constructions, e.g. adjustable in height (E04G 1/00 takes precedence) |
| E04G 3/02 | Gelöscht | (transferred to E04G 3/18-E04G 3/34) |

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| E04G 3/04 | Gelöscht | (transferred to E04G 3/18-E04G 3/34) |
| E04G 3/06 | Gelöscht | (transferred to E04G 3/18) |
| E04G 3/08 | Gelöscht | (transferred to E04G 3/20) |
| E04G 3/10 | Gelöscht | (transferred to E04G 3/18-E04G 3/34) |
| E04G 3/12 | Gelöscht | (transferred to E04G 3/26; E04G 3/34) |
| E04G 3/14 | Gelöscht | (transferred to E04G 3/18-E04G 3/34) |
| E04G 3/16 | Gelöscht | (transferred to E04G 3/18-E04G 3/34) |
| <i>E04G 3/18</i> | <i>1-Punkt Untergruppe</i> | <i>. supported by cantilevers or other provisions mounted in openings in the building, e.g. window openings (E04G 3/28 takes precedence) [2006.01]</i> |
| <i>E04G 3/20</i> | <i>1-Punkt Untergruppe</i> | <i>. supported by walls (E04G 3/28 takes precedence ; wall-anchors for supporting scaffolds E04G 5/04 ; consoles E04G 5/06) [2006.01]</i> |
| <i>E04G 3/22</i> | <i>1-Punkt Untergruppe</i> | <i>. supported by roofs or ceilings (E04G 3/28 takes precedence) [2006.01]</i> |
| <i>E04G 3/24</i> | <i>1-Punkt Untergruppe</i> | <i>. specially adapted for particular parts of buildings or for buildings of particular shape, e.g. chimney stacks or pylons (E04G 3/28 takes precedence) [2006.01]</i> |
| <i>E04G 3/26</i> | <i>2-Punkt Untergruppe</i> | <i>. . specially adapted for working on roofs [2006.01]</i> |
| <i>E04G 3/28</i> | <i>1-Punkt Untergruppe</i> | <i>. Mobile scaffolds ; Scaffolds with mobile platforms [2006.01]</i> |
| <i>E04G 3/30</i> | <i>2-Punkt Untergruppe</i> | <i>. . suspended by flexible supporting elements, e.g. cables [2006.01]</i> |
| <i>E04G 3/32</i> | <i>3-Punkt Untergruppe</i> | <i>. . . Hoisting devices ; Safety devices [2006.01]</i> |
| <i>E04G 3/34</i> | <i>2-Punkt Untergruppe</i> | <i>. . characterised by supporting structures provided on the roofs [2006.01]</i> |
| E04G 5/00 | Hauptgruppe | Component parts or accessories for scaffolds (connections E04G 7/00) [1, 2006.01] |
| E04G 5/02 | 1-Punkt Untergruppe | . Scaffold feet, e.g. with arrangements for adjustment |
| E04G 5/04 | 1-Punkt Untergruppe | . Means for fastening, supporting, or bracing scaffolds on or against building constructions (fastenings in general F16B) |
| E04G 5/06 | 1-Punkt Untergruppe | . Consoles; Brackets |
| E04G 5/08 | 1-Punkt Untergruppe | . Scaffold boards or planks |
| <i>E04G 5/10</i> | <i>1-Punkt Untergruppe</i> | <i>. Steps or ladders specially adapted for scaffolds [2006.01]</i> |
| <i>E04G 5/12</i> | <i>1-Punkt Untergruppe</i> | <i>. Canopies [2006.01]</i> |
| <i>E04G 5/14</i> | <i>1-Punkt Untergruppe</i> | <i>. Railings [2006.01]</i> |
| <i>E04G 5/16</i> | <i>1-Punkt Untergruppe</i> | <i>. Struts or stiffening rods, e.g. diagonal rods [2006.01]</i> |
| E04G 7/00 | Hauptgruppe | Connections between parts of the scaffold (for building structures in general E04B 1/38; connections in general F16B) |
| E04G 7/02 | 1-Punkt Untergruppe | . with separate coupling elements |
| E04G 7/04 | 2-Punkt Untergruppe | . . Flexible elements, with or without brackets, e.g. ropes, cables, chains (in general F16G) |
| E04G 7/06 | 2-Punkt Untergruppe | . . Stiff scaffolding clamps for connecting scaffold members of common shape |
| E04G 7/08 | 3-Punkt Untergruppe | . . . Clamps for parallelly-arranged members |
| E04G 7/10 | 4-Punkt Untergruppe | Self-tightening clamps, e.g. stirrups |
| E04G 7/12 | 3-Punkt Untergruppe | . . . Clamps or clips for crossing members (E04G 7/22 takes precedence) |
| E04G 7/14 | 4-Punkt Untergruppe | for clamping the members independently |

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| E04G 7/16 | 5-Punkt Untergruppe | of which the clamping parts for the different members are rotatable with respect to one another |
| E04G 7/18 | 4-Punkt Untergruppe | for clamping the members against one another or against a separate cushioning piece between them |
| E04G 7/20 | 3-Punkt Untergruppe | . . . for ends of members only, e.g. for connecting members in end-to-end relation |
| E04G 7/22 | 3-Punkt Untergruppe | . . . for scaffold members in end-to-side relation |
| E04G 7/24 | 3-Punkt Untergruppe | . . . Couplings involving arrangements covered by more than one of the groups E04G 7/08, E04G 7/12, E04G 7/20, E04G 7/22 |
| E04G 7/26 | 2-Punkt Untergruppe | . . for use with specially-shaped scaffold members |
| E04G 7/28 | 2-Punkt Untergruppe | . . Clips or connections for securing boards (brackets E04G 5/06) |
| E04G 7/30 | 1-Punkt Untergruppe | . Scaffolding bars or members with non-detachably fixed coupling elements |
| E04G 7/32 | 2-Punkt Untergruppe | . . with coupling elements using wedges [2006.01] |
| E04G 7/34 | 2-Punkt Untergruppe | . . with coupling elements using positive engagement, e.g. hooks or pins [2006.01] |
| <u>Falsework, forms, or shutterings for shaping of building parts in situ (scaffolding in general E04G 1/00; moulds for making units for prefabricated buildings or prefabricated stair units B28B 7/22; forms or shutterings forming part of the construction E04B, E04C) [5]</u> | | |
| E04G 9/00 | Hauptgruppe | Forming or shuttering elements for general use |
| E04G 9/02 | 1-Punkt Untergruppe | . Forming boards or similar elements (E04G 9/08, E04G 9/10 take precedence) |
| E04G 9/04 | 2-Punkt Untergruppe | . . the form surface being of wood [2] |
| E04G 9/05 | 2-Punkt Untergruppe | . . the form surface being of plastics [2] |
| E04G 9/06 | 2-Punkt Untergruppe | . . the form surface being of metal [2] |
| E04G 9/08 | 1-Punkt Untergruppe | . Forming boards or similar elements, which are collapsible, foldable, or able to be rolled up |
| E04G 9/10 | 1-Punkt Untergruppe | . with additional peculiarities such as surface shaping, insulating or heating, permeability to water or air |
| E04G 11/00 | Hauptgruppe | Forms, shutterings, or falsework for making walls, floors, ceilings, or roofs |
| E04G 11/02 | 1-Punkt Untergruppe | . for rooms as a whole, whole storeys, or whole buildings |
| E04G 11/04 | 1-Punkt Untergruppe | . for structures of spherical, spheroid or similar shape, or for cupola structures of circular or polygonal horizontal or vertical section; Inflatable forms (connection of valves to inflatable elastic bodies B60C 29/00) |
| E04G 11/06 | 1-Punkt Untergruppe | . for walls, e.g. curved (E04G 11/04 takes precedence) |
| E04G 11/08 | 2-Punkt Untergruppe | . . Forms which are completely dismantled after setting of the concrete and re-built for the next pouring (connecting or supporting means for forms E04G 17/00) |
| E04G 11/10 | 3-Punkt Untergruppe | . . . of elements without beams (E04G 11/18 takes precedence) |
| E04G 11/12 | 3-Punkt Untergruppe | . . . of elements and beams (E04G 11/18 takes precedence) |
| E04G 11/14 | 4-Punkt Untergruppe | with beams arranged in alignment with, and between the, elements |
| E04G 11/16 | 4-Punkt Untergruppe | with beams placed within the wall |
| E04G 11/18 | 3-Punkt Untergruppe | . . . for double walls |
| E04G 11/20 | 2-Punkt Untergruppe | . . Movable forms; Movable forms for moulding cylindrical, conical, or hyperbolic structures; Templates serving as forms for positioning blocks or the like (E04G 11/04 takes precedence) |

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| E04G 11/22 | 3-Punkt Untergruppe | . . . Sliding forms raised continuously or step-by-step and being in contact with the poured concrete during raising; Arrangements of lifting means therefor |
| E04G 11/24 | 4-Punkt Untergruppe | Construction of lifting jacks or climbing rods for sliding forms (climbing-type hoisting units in general B66F) |
| E04G 11/26 | 3-Punkt Untergruppe | . . . the sheathing of which consists of ribbons, endless aprons, or the like, guided by driven rollers |
| E04G 11/28 | 3-Punkt Untergruppe | . . . Climbing forms, i.e. forms which are not in contact with the poured concrete during lifting from layer to layer |
| E04G 11/30 | 4-Punkt Untergruppe | which are lifted from layer to layer by turning, tilting, or similar moving upwards about a horizontal axis |
| E04G 11/32 | 3-Punkt Untergruppe | . . . Tilttable forms or tilting tables for making walls as a whole or in parts <u>in situ</u> |
| E04G 11/34 | 3-Punkt Untergruppe | . . . Horizontally-travelling moulds for making walls blockwise or sectionwise (E04G 11/26 takes precedence) |
| E04G 11/36 | 1-Punkt Untergruppe | . for floors, ceilings, or roofs of plane or curved surfaces |
| E04G 11/38 | 2-Punkt Untergruppe | . . for plane ceilings of concrete |
| E04G 11/40 | 2-Punkt Untergruppe | . . for coffered or ribbed ceilings |
| E04G 11/42 | 3-Punkt Untergruppe | . . . with beams of metal or prefabricated concrete |
| E04G 11/44 | 3-Punkt Untergruppe | . . . with supporting beams for the shuttering used simultaneously as permanent reinforcement of the ribs |
| E04G 11/46 | 3-Punkt Untergruppe | . . . of hat-like or trough-like shape encasing a rib or the section between two ribs or encasing one rib and its adjacent flat floor or ceiling section |
| E04G 11/48 | 2-Punkt Untergruppe | . . Supporting structures for shutterings or frames for floors or roofs (struts E04G 25/00) |
| E04G 11/50 | 3-Punkt Untergruppe | . . . Girders, beams, or the like as supporting members for forms (members, e.g. consoles, for attachment to the wall E04G 17/16; girders intended to form part of the construction E04C 3/02) |
| E04G 11/52 | 4-Punkt Untergruppe | of several units arranged one after another |
| E04G 11/54 | 4-Punkt Untergruppe | of extensible type, with or without adjustable supporting shoes, fishplates, or the like |
| E04G 11/56 | 5-Punkt Untergruppe | of telescopic type |
| E04G 13/00 | Hauptgruppe | Falsework, forms, or shutterings for particular parts of buildings, e.g. stairs, steps, cornices, balconies |
| E04G 13/02 | 1-Punkt Untergruppe | . for columns or like pillars; Special tying or clamping means therefor |
| E04G 13/04 | 1-Punkt Untergruppe | . for lintels, beams, or transoms to be encased separately; Special tying or clamping means therefor (members, e.g. consoles, for attachment to the wall E04G 17/16) |
| E04G 13/06 | 1-Punkt Untergruppe | . for stairs, steps, cornices, balconies, or other parts corbelled out of the wall |
| E04G 15/00 | Hauptgruppe | Forms or shutterings for making openings, cavities, slits, or channels (forming part of shuttering for walls E04G 11/06) |
| E04G 15/02 | 1-Punkt Untergruppe | . for windows, doors, or the like |
| E04G 15/04 | 1-Punkt Untergruppe | . Cores for anchor holes or the like |
| E04G 15/06 | 1-Punkt Untergruppe | . for cavities or channels in walls or floors, e.g. for making chimneys |
| E04G 17/00 | Hauptgruppe | Connecting or other auxiliary members for forms, falsework structures, or shutterings |
| E04G 17/02 | 1-Punkt Untergruppe | . Connecting or fastening means for non-metallic forming or stiffening elements |
| E04G 17/04 | 1-Punkt Untergruppe | . Connecting or fastening means for metallic forming or stiffening elements |

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| E04G 17/06 | 1-Punkt Untergruppe | . Tying means; Spacers |
| E04G 17/065 | 2-Punkt Untergruppe | . . Tying means, the tensional elements of which are threaded to enable their fastening or tensioning [5] |
| E04G 17/07 | 2-Punkt Untergruppe | . . Tying means, the tensional elements of which are fastened or tensioned by means of wedge-shaped members [5] |
| E04G 17/075 | 2-Punkt Untergruppe | . . Tying means, the tensional elements of which are fastened or tensioned by other means [5] |
| E04G 17/12 | 2-Punkt Untergruppe | . . with arms engaging the forms |
| E04G 17/14 | 1-Punkt Untergruppe | . Bracing or strutting arrangements for formwalls; Devices for aligning forms (E04G 25/00 takes precedence) |
| E04G 17/16 | 1-Punkt Untergruppe | . Members, e.g. consoles, for attachment to the wall to support girders, beams, or the like carrying forms or moulds for floors, lintels, or transoms |
| E04G 17/18 | 1-Punkt Untergruppe | . Devices for suspending or anchoring form elements to girders placed in ceilings, e.g. hangers |
| E04G 19/00 | Hauptgruppe | Auxiliary treatment of forms, e.g. dismantling; Cleaning devices (lubricating compositions C10M) |
| E04G 21/00 | Hauptgruppe | Preparing, conveying, or working-up building materials or building elements <u>in situ</u>; Other devices or measures for constructional work (working stone-like materials B28D; conveying in general B65G; lifting devices B66; measuring instruments G01) |
| E04G 21/02 | 1-Punkt Untergruppe | . Conveying or working-up concrete or similar masses able to be heaped or cast (working concrete in general, e.g. mixing machines, B28C; composition of concrete C04B; construction and surfacing of floorings made of similar material to roads or pavements E01C; in connection with barrages E02B 7/00; in connection with foundations E02D 15/00; in connection with finishing work E04F) |
| E04G 21/04 | 2-Punkt Untergruppe | . . Devices for both conveying and distributing (concrete pumps F04) |
| E04G 21/06 | 2-Punkt Untergruppe | . . Compacting concrete, e.g. by application of vacuum before hardening (for road building E01C 19/00; devices for compacting also soil E02D 3/02) |
| E04G 21/08 | 3-Punkt Untergruppe | . . . Internal vibrators |
| E04G 21/10 | 2-Punkt Untergruppe | . . Devices for levelling, e.g. templates or boards (smoothing tools E04F 21/16, E04F 21/24) |
| E04G 21/12 | 1-Punkt Untergruppe | . Mounting of reinforcing inserts; Prestressing (shell tubes for prestressing members E04C 5/10; anchoring means E04C 5/12; connections of reinforcing elements and spacers E04C 5/16) |
| E04G 21/14 | 1-Punkt Untergruppe | . Conveying or assembling building elements (roofing E04D; finishing work E04F) |
| E04G 21/16 | 2-Punkt Untergruppe | . . Tools or apparatus (devices for erecting fences E04H 17/26) |
| E04G 21/18 | 3-Punkt Untergruppe | . . . Adjusting tools; Templates |
| E04G 21/20 | 3-Punkt Untergruppe | . . . for applying mortar |
| E04G 21/22 | 3-Punkt Untergruppe | . . . for setting building elements with mortar, e.g. brick-laying machines |
| E04G 21/24 | 1-Punkt Untergruppe | . Safety or protective measures preventing damage to building parts or finishing work during construction (as auxiliary structures for scaffolds E04G 5/00) |
| E04G 21/26 | 2-Punkt Untergruppe | . . Strutting means for wall parts; Supports or the like, e.g. for holding in position prefabricated walls (E04G 25/00 takes precedence; on existing buildings E04G 23/04) |
| E04G 21/28 | 2-Punkt Untergruppe | . . against unfavourable weather influence |
| E04G 21/30 | 2-Punkt Untergruppe | . . against mechanical damage or dirt, e.g. guard covers of stairs |
| E04G 21/32 | 1-Punkt Untergruppe | . Safety or protective measures for persons during the construction of buildings (related to scaffolds E04G 5/00; ropes or belts for life-saving A62B 1/16, A62B 35/00; climbing tools, e.g. climbing irons for masts, A63B 27/00) |

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| E04G 23/00 | Hauptgruppe | Working measures on existing buildings (on foundations E02D 35/00, E02D 37/00; in connection with insulations E04B; subsequent or finishing work E04F) |
| E04G 23/02 | 1-Punkt Untergruppe | . Repairing, e.g. filling cracks; Restoring; Altering; Enlarging |
| E04G 23/03 | 2-Punkt Untergruppe | . . specially adapted for roofs, e.g. to fit out attics [5] |
| E04G 23/04 | 1-Punkt Untergruppe | . Propping of endangered or damaged buildings or building parts, e.g. with respect to air-raid action (struts E04G 25/00) |
| E04G 23/06 | 1-Punkt Untergruppe | . Separating, lifting, removing of buildings; Making a new sub-structure |
| <i>E04G 23/08</i> | <i>1-Punkt Untergruppe</i> | <i>. Wrecking of buildings (dismantling bridges E01D 24/00) [1, 2006.01]</i> |
| E04G 25/00 | Hauptgruppe | Shores or struts (specially designed for use in mines E21D 15/00); Chocks |
| E04G 25/02 | 1-Punkt Untergruppe | . non-telescopic |
| E04G 25/04 | 1-Punkt Untergruppe | . telescopic |
| E04G 25/06 | 2-Punkt Untergruppe | . . with parts held together by positive means |
| E04G 25/08 | 2-Punkt Untergruppe | . . with parts held relatively to each other by friction or gripping |
| E04G 27/00 | Hauptgruppe | Temporary arrangements for giving access from one level to another for men or vehicles, e.g. steps, ramps (as parts or accessories for scaffolds E04G 5/00; gangways B63; lifts B66; landing bridges E01D 15/24; permanent stairways or ramps E04F 11/00; ladders E06C) |