| Symbol | Typ | Titel |
|---|---|---|
| **B** | **Sektion** | **SECTION B — PERFORMING OPERATIONS; TRANSPORTING** |
| **B60** | **Untersektion** | **TRANSPORTING** |
| **B60** | **Klasse** | **VEHICLES IN GENERAL** |
| **B60C** | **Unterklasse** | **VEHICLE TYRES (manufacture, repairing B29); TYRE INFLATION; TYRE CHANGING; CONNECTING VALVES TO INFLATABLE ELASTIC BODIES IN GENERAL; DEVICES OR ARRANGEMENTS RELATED TO TYRES (testing of tyres G01M 17/02) [5]** |
| **B60C 1/00** | **Hauptgruppe** | **Tyres characterised by the chemical composition or the physical arrangement or mixture of the composition [4]** |
| **B60C 3/00** | **Hauptgruppe** | **Tyres characterised by transverse section (characterised by rail-engaging elements B60B 17/00) [4]** |
| B60C 3/02 | 1-Punkt Untergruppe | . Closed, e.g. toroidal, tyres [4] |
| B60C 3/04 | 1-Punkt Untergruppe | . characterised by the relative dimensions of the section, e.g. low profile (B60C 3/06 takes precedence) [4] |
| B60C 3/06 | 1-Punkt Untergruppe | . asymmetric [4] |
| B60C 3/08 | 1-Punkt Untergruppe | . collapsible into storage or non-use condition, e.g. space-saving spare tyres (run-flat tyres B60C 17/08) [4] |
| **B60C 5/00** | **Hauptgruppe** | **Inflatable pneumatic tyres or inner tubes (B60C 1/00, B60C 9/00-B60C 17/00 take precedence) [4]** |
| B60C 5/01 | 1-Punkt Untergruppe | . without substantial cord reinforcement, e.g. cordless tyres, cast tyres [4] |
| B60C 5/02 | 1-Punkt Untergruppe | . having separate inflatable inserts, e.g. with inner tubes; Means for lubricating, venting, preventing relative movement between tyre and inner tube (B60C 5/20 takes precedence) [4] |
| B60C 5/04 | 2-Punkt Untergruppe | . . Shape or construction of inflatable inserts (B60C 5/10 takes precedence) [4] |
| B60C 5/08 | 3-Punkt Untergruppe | . . . having reinforcing means |
| B60C 5/10 | 1-Punkt Untergruppe | . formed as a single discontinuous ring with contiguous ends which may be connected together [4] |
| B60C 5/12 | 1-Punkt Untergruppe | . without separate inflatable inserts, e.g. tubeless tyres with transverse section open to the rim (B60C 5/20 takes precedence) [4] |
| B60C 5/14 | 2-Punkt Untergruppe | . . with impervious liner or coating on the inner wall of the tyre [4] |
| B60C 5/16 | 2-Punkt Untergruppe | . . Sealing means between beads and rims, e.g. bands |
| B60C 5/18 | 1-Punkt Untergruppe | . Sectional casings, e.g. comprising replaceable arcuate parts |
| B60C 5/20 | 1-Punkt Untergruppe | . having multiple separate inflatable chambers (with additional tubes which become load supporting in emergence B60C 17/02) [4] |
| B60C 5/22 | 2-Punkt Untergruppe | . . the chambers being annular [4] |
| B60C 5/24 | 2-Punkt Untergruppe | . . the walls of the chambers extending transversely of the tyre [4] |
| **B60C 7/00** | **Hauptgruppe** | **Non-inflatable or solid tyres (B60C 1/00 takes precedence; tyres or rims characterised by rail-engaging elements B60B 17/00) [2]** |
| B60C 7/02 | 1-Punkt Untergruppe | . made from ropes or bristles |
| B60C 7/04 | 1-Punkt Untergruppe | . made of wood or leather |
| B60C 7/06 | 1-Punkt Untergruppe | . made of metal |
| B60C 7/08 | 1-Punkt Untergruppe | . built-up from a plurality of arcuate parts |
| B60C 7/10 | 1-Punkt Untergruppe | . characterised by means for increasing resiliency (highly resilient wheels B60B 9/00) |

| Symbol | Typ | Titel |
|---|---|---|
| B60C 7/12 | 2-Punkt Untergruppe | . . using enclosed chambers, e.g. gas-filled (inflatable tyres B60C 5/00) [4] |
| B60C 7/14 | 2-Punkt Untergruppe | . . using springs |
| B60C 7/16 | 3-Punkt Untergruppe | . . . of helical or flat coil form |
| B60C 7/18 | 4-Punkt Untergruppe | . . . . disposed radially relative to wheel axis |
| B60C 7/20 | 4-Punkt Untergruppe | . . . . disposed circumferentially relative to wheel axis |
| B60C 7/22 | 1-Punkt Untergruppe | . having inlays other than for increasing resiliency, e.g. for armouring |
| B60C 7/24 | 1-Punkt Untergruppe | . characterised by means for securing tyres on rim or wheel body |
| B60C 7/26 | 2-Punkt Untergruppe | . . using bolts |
| B60C 7/28 | 2-Punkt Untergruppe | . . using straps or the like, e.g. vulcanised into the tyre |
| **B60C 9/00** | **Hauptgruppe** | **Reinforcements or ply arrangement of pneumatic tyres (inserts having reinforcing means B60C 5/08; bead structure, e.g. turnup or overlap construction, B60C 15/00; tyre cords per seD02G 3/48 ; fabrics per seD03D, D04H; metal ropes or cables, per seD07B 1/06) [4]** |
| B60C 9/02 | 1-Punkt Untergruppe | . Carcasses |
| B60C 9/04 | 2-Punkt Untergruppe | . . the reinforcing cords of each carcass ply arranged in a substantially parallel relationship |
| B60C 9/06 | 3-Punkt Untergruppe | . . . the cords extend diagonally from bead to bead and run in opposite directions in each successive carcass ply, i.e. bias angle ply (B60C 9/07, B60C 9/09 take precedence) [4] |
| B60C 9/07 | 3-Punkt Untergruppe | . . . the cords curve from bead to bead in plural planes, e.g. S-shaped cords [4] |
| B60C 9/08 | 3-Punkt Untergruppe | . . . the cords extend transversely from bead to bead, i.e. radial ply (B60C 9/07 takes precedence) [4] |
| B60C 9/09 | 4-Punkt Untergruppe | . . . . combined with other carcass plies having cords extending diagonally from bead to bead, i.e. combined radial ply and bias angle ply [4] |
| B60C 9/10 | 2-Punkt Untergruppe | . . the reinforcing cords within each carcass ply arranged in a crossing relationship |
| B60C 9/11 | 3-Punkt Untergruppe | . . . Woven, braided, or knitted plies [4] |
| B60C 9/12 | 2-Punkt Untergruppe | . . built-up with rubberised layers of discrete fibres or filaments |
| B60C 9/13 | 3-Punkt Untergruppe | . . . with two or more differing cord materials [4] |
| B60C 9/14 | 2-Punkt Untergruppe | . . built-up with sheets, webs, or films of homogeneous material, e.g. synthetics, sheet metal, rubber |
| B60C 9/16 | 2-Punkt Untergruppe | . . built-up with metallic reinforcing inlays |
| B60C 9/17 | 2-Punkt Untergruppe | . . asymmetric to the midcircumferential plane of the tyre [4] |
| B60C 9/18 | 1-Punkt Untergruppe | . Structure or arrangement of belts or breakers, crown-reinforcing or cushioning layers |
| B60C 9/20 | 2-Punkt Untergruppe | . . built-up from rubberised plies each having all cords arranged substantially parallel |
| B60C 9/22 | 3-Punkt Untergruppe | . . . the plies being arranged with all cords disposed along the circumference of the tyre |
| B60C 9/24 | 2-Punkt Untergruppe | . . built-up of arcuate parts |
| B60C 9/26 | 2-Punkt Untergruppe | . . Folded plies [4] |
| B60C 9/28 | 2-Punkt Untergruppe | . . characterised by the belt or breaker dimensions or curvature relative to carcass (B60C 9/30 takes precedence) [4] |

| Symbol | Typ | Titel |
|---|---|---|
| B60C 9/30 | 2-Punkt Untergruppe | . . asymmetric to the midcircumferential plane of the tyre [4] |
| **B60C 11/00** | **Hauptgruppe** | **Tyre tread bands; Tread patterns; Anti-skid inserts** |
| B60C 11/01 | 1-Punkt Untergruppe | . Shape of the shoulders between tread and sidewall, e.g. rounded, stepped, cantilevered (arrangements of grooves or ribs on the sidewalls B60C 13/02) [4] |
| B60C 11/02 | 1-Punkt Untergruppe | . Replaceable treads |
| B60C 11/03 | 1-Punkt Untergruppe | . Tread patterns [4] |
| B60C 11/04 | 2-Punkt Untergruppe | . . in which the raised area of the pattern consists only of continuous circumferential ribs, e.g. zig-zag (B60C 11/12, B60C 11/13 take precedence) [4, 6] |
| B60C 11/11 | 2-Punkt Untergruppe | . . in which the raised area of the pattern consists only of isolated elements, e.g. blocks (B60C 11/12, B60C 11/13 take precedence) [4] |
| B60C 11/113 | 2-Punkt Untergruppe | . . in which the raised area of the pattern consists only of projections extending continuously across the tread from one edge to the other [6] |
| B60C 11/117 | 2-Punkt Untergruppe | . . formed only by isolated recesses, e.g. grooves, slots or holes (B60C 11/12, B60C 11/13 take precedence) [6] |
| B60C 11/12 | 2-Punkt Untergruppe | . . characterised by the use of narrow slits or incisions, e.g. sipes [4] |
| B60C 11/13 | 2-Punkt Untergruppe | . . characterised by the groove cross-section, e.g. for buttressing or preventing stone-trapping [6] |
| B60C 11/14 | 1-Punkt Untergruppe | . Anti-skid inserts, e.g. vulcanised into the tread band |
| B60C 11/16 | 2-Punkt Untergruppe | . . of plug form, e.g. made from metal, textile |
| B60C 11/18 | 2-Punkt Untergruppe | . . or strip form, e.g. metallic combs, rubber strips of different wear resistence (B60C 11/20 takes precedence) |
| B60C 11/20 | 2-Punkt Untergruppe | . . in coiled form |
| B60C 11/22 | 1-Punkt Untergruppe | . Tread rings between dual tyres [4] |
| B60C 11/24 | 1-Punkt Untergruppe | . Wear-indicating arrangements [4] |
| **B60C 13/00** | **Hauptgruppe** | **Tyre sidewalls; Protecting, decorating, marking, or the like, thereof (B60C 17/08 takes precedence; tyre shoulders B60C 11/01; removable tyre sidewall trim rings B60B 7/01) [4, 5]** |
| B60C 13/02 | 1-Punkt Untergruppe | . Arrangement of grooves or ribs [4] |
| B60C 13/04 | 1-Punkt Untergruppe | . having annular inlays or covers, e.g. white sidewalls [4] |
| **B60C 15/00** | **Hauptgruppe** | **Tyre beads, e.g. ply turn-up or overlap** |
| B60C 15/02 | 1-Punkt Untergruppe | . Seating or securing beads on rims (sealing means between beads and rims of tubeless tyres B60C 5/16; means for securing solid tyres on rims B60C 7/24; rims B60B 21/00) [4] |
| B60C 15/024 | 2-Punkt Untergruppe | . . Bead contour, e.g. lips, grooves, or ribs [4] |
| B60C 15/028 | 2-Punkt Untergruppe | . . Spacers between beads (emergency load-supporting means B60C 17/00) [4] |
| B60C 15/032 | 3-Punkt Untergruppe | . . . inflatable [4] |
| B60C 15/036 | 2-Punkt Untergruppe | . . Tyres permanently fixed to the rim, e.g. by adhesive, by vulcanisation [4] |
| B60C 15/04 | 1-Punkt Untergruppe | . Bead cores (producing bead-rings or bead-cores for tyres B29D 30/48) [4] |
| B60C 15/05 | 2-Punkt Untergruppe | . . multiple, i.e. with two or more cores in each bead [4] |
| B60C 15/06 | 1-Punkt Untergruppe | . Flipper strips, fillers, or chafing strips |
| **B60C 17/00** | **Hauptgruppe** | **Tyres characterised by means enabling restricted operation in damaged or deflated condition;** |

| Symbol | Typ | Titel |
|---|---|---|
| | | **Accessories therefor (having multiple separate inflatable chambers B60C 5/20)** |
| B60C 17/01 | 1-Punkt Untergruppe | . utilising additional inflatable supports which become load-supporting in emergency [4] |
| B60C 17/02 | 2-Punkt Untergruppe | . . inflated or expanded in emergency only [4] |
| B60C 17/04 | 1-Punkt Untergruppe | . utilising additional non-inflatable supports which become load-supporting in emergency |
| B60C 17/06 | 2-Punkt Untergruppe | . . resilient [4] |
| B60C 17/08 | 1-Punkt Untergruppe | . Means facilitating folding of sidewalls, e.g. run-flat sidewalls (for storage purposes B60C 3/08) [4] |
| B60C 17/10 | 1-Punkt Untergruppe | . Internal lubrication [4] |
| **B60C 19/00** | **Hauptgruppe** | **Tyre parts or constructions not otherwise provided for** |
| B60C 19/04 | 1-Punkt Untergruppe | . Tyre with openings closeable by means other than the rim; Closing means therefor |
| B60C 19/08 | 1-Punkt Untergruppe | . Electric-charge-dissipating arrangements |
| B60C 19/12 | 1-Punkt Untergruppe | . Puncture preventing arrangements (B60C 9/00 takes precedence; inflatable inserts having reinforcing means B60C 5/08) [4] |
| **B60C 23/00** | **Hauptgruppe** | **Devices for measuring, signalling, controlling, or distributing tyre pressure or temperature, specially adapted for mounting on vehicles (measuring in general G01, e.g. G01L 17/00; remote signalling in general G08); Arrangement of tyre inflating devices on vehicles, e.g. of pumps, of tanks (air pumps per seF04; tanks per seF17C); Tyre cooling arrangements [3]** |
| B60C 23/02 | 1-Punkt Untergruppe | . Signalling devices actuated by tyre pressure |
| B60C 23/04 | 2-Punkt Untergruppe | . . mounted on the wheel or tyre |
| B60C 23/06 | 1-Punkt Untergruppe | . Signalling devices actuated by deformation of the tyre (wear-indicating arrangements B60C 11/24) |
| B60C 23/08 | 2-Punkt Untergruppe | . . by touching the ground |
| B60C 23/10 | 1-Punkt Untergruppe | . Arrangement of tyre-inflating pumps mounted on vehicles |
| B60C 23/12 | 2-Punkt Untergruppe | . . operated by a running wheel |
| B60C 23/14 | 2-Punkt Untergruppe | . . operated by the prime mover of the vehicle |
| B60C 23/16 | 1-Punkt Untergruppe | . Arrangement of air tanks mounted on vehicles |
| B60C 23/18 | 1-Punkt Untergruppe | . Tyre cooling arrangements [3, 4] |
| B60C 23/19 | 2-Punkt Untergruppe | . . for dissipating heat [4] |
| B60C 23/20 | 1-Punkt Untergruppe | . Devices for measuring or signalling tyre temperature [3] |
| **B60C 25/00** | **Hauptgruppe** | **Apparatus or tools adapted for mounting, removing or inspecting tyres (apparatus or tools characterised by the means for holding wheels or parts thereof B60B 30/00) [5]** |
| B60C 25/01 | 1-Punkt Untergruppe | . for removing tyres from, or mounting tyres on, wheels [5] |
| B60C 25/02 | 2-Punkt Untergruppe | . . Tyre levers or the like, e.g. hand-held (machine operated B60C 25/05) [5] |
| B60C 25/04 | 3-Punkt Untergruppe | . . . pivotal about the wheel axis, or movable along the rim edge, e.g. rollable [5] |
| B60C 25/05 | 2-Punkt Untergruppe | . . Machines [5] |
| B60C 25/12 | 3-Punkt Untergruppe | . . . for only seating the beads [5] |
| B60C 25/122 | 4-Punkt Untergruppe | . . . . acting on the tyre tread [5] |

| Symbol | Typ | Titel |
|---|---|---|
| B60C 25/125 | 3-Punkt Untergruppe | . . . for only breaking the beads [5] |
| B60C 25/128 | 4-Punkt Untergruppe | . . . . acting axially on the whole circumference of the bead or side wall [5] |
| B60C 25/13 | 4-Punkt Untergruppe | . . . . acting axially at localised regions of the bead or side wall [5] |
| B60C 25/132 | 3-Punkt Untergruppe | . . . for removing and mounting tyres (for only seating the beads B60C 25/12; for only breaking the beads B60C 25/125) [5] |
| B60C 25/135 | 4-Punkt Untergruppe | . . . . having a tyre support or a tool, movable along wheel axis [5] |
| B60C 25/138 | 5-Punkt Untergruppe | . . . . . with rotary motion of tool or tyre support [5] |
| B60C 25/14 | 1-Punkt Untergruppe | . Apparatus or tools for spreading tyre beads (B60C 25/12 takes precedence) [5] |
| B60C 25/15 | 2-Punkt Untergruppe | . . with means for inverting the tyre [5] |
| B60C 25/18 | 1-Punkt Untergruppe | . Tools for mounting or demounting air valves |
| B60C 25/20 | 1-Punkt Untergruppe | . Tools for attaching metallic tyres, e.g. iron tyres upon wooden rims |
| **B60C 27/00** | **Hauptgruppe** | **Non-skid devices temporarily attachable to resilient tyres or resiliently-tyred wheels** |
| B60C 27/02 | 1-Punkt Untergruppe | . extending over restricted arcuate part of tread (B60C 27/20 takes precedence) |
| B60C 27/04 | 2-Punkt Untergruppe | . . the ground-engaging part being rigid |
| B60C 27/06 | 1-Punkt Untergruppe | . extending over the complete circumference of tread, e.g. made of chains (B60C 27/20 takes precedence) |
| B60C 27/08 | 2-Punkt Untergruppe | . . involving lugs or rings taking up wear |
| B60C 27/10 | 2-Punkt Untergruppe | . . having tensioning means |
| B60C 27/12 | 3-Punkt Untergruppe | . . . resilient |
| B60C 27/14 | 2-Punkt Untergruppe | . . automatically attachable |
| B60C 27/16 | 2-Punkt Untergruppe | . . formed of close material, e.g. leather |
| B60C 27/18 | 3-Punkt Untergruppe | . . . the material being fabric, e.g. woven wire |
| B60C 27/20 | 1-Punkt Untergruppe | . having ground-engaging plate-like elements |
| B60C 27/22 | 1-Punkt Untergruppe | . for tandem tyres (endless-track features B62D) |
| **B60C 29/00** | **Hauptgruppe** | **Arrangements of tyre-inflating valves to tyres or rims; Accessories for tyre-inflating valves, not otherwise provided for (tools for mounting or demounting valves B60C 25/18; valves per se, valve dust caps F16K) [4, 5]** |
| B60C 29/02 | 1-Punkt Untergruppe | . Connection to rims [4] |
| B60C 29/04 | 1-Punkt Untergruppe | . Connection to tyres [4] |
| B60C 29/06 | 1-Punkt Untergruppe | . Accessories for tyre-inflating valves, e.g. housings, guards, covers for valve caps, locks, not otherwise provided for [5] |
| ***B60C 99/00*** | ***Hauptgruppe*** | ***Subject matter not provided for in other groups of this subclass [2006.01]*** |