

| Symbol           | Typ                 | Titel                                                                                                                                                                                                                                                                                                    |
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| <b>B</b>         | <b>Sektion</b>      | <b>SECTION B — PERFORMING OPERATIONS; TRANSPORTING</b>                                                                                                                                                                                                                                                   |
| <b>B63</b>       | <b>Klasse</b>       | <b>SHIPS OR OTHER WATERBORNE VESSELS; RELATED EQUIPMENT</b>                                                                                                                                                                                                                                              |
| <b>B63B</b>      | <b>Unterklasse</b>  | <b>SHIPS OR OTHER WATERBORNE VESSELS; EQUIPMENT FOR SHIPPING (air-cushion vehicles B60V; arrangements of vessel ventilation, heating, cooling, or air-conditioning B63J 2/00) [2]</b>                                                                                                                    |
| <b>B63B 1/00</b> | <b>Hauptgruppe</b>  | <b>Hydrodynamic or hydrostatic features of hulls or of hydrofoils (hulls peculiar to submarines B63B 3/13; keels B63B 3/38; determining hydrodynamic or hydrostatic features B63B 9/00; decreasing pitch, roll, or like unwanted vessel movements by using foils acting on ambient water B63B 39/06)</b> |
| B63B 1/02        | 1-Punkt Untergruppe | . deriving lift mainly from water displacement (B63B 1/16 takes precedence)                                                                                                                                                                                                                              |
| B63B 1/04        | 2-Punkt Untergruppe | . . with single hull                                                                                                                                                                                                                                                                                     |
| B63B 1/06        | 3-Punkt Untergruppe | . . . Shape of fore part                                                                                                                                                                                                                                                                                 |
| B63B 1/08        | 3-Punkt Untergruppe | . . . Shape of aft part                                                                                                                                                                                                                                                                                  |
| B63B 1/10        | 2-Punkt Untergruppe | . . with multiple hulls                                                                                                                                                                                                                                                                                  |
| B63B 1/12        | 3-Punkt Untergruppe | . . . the hulls being interconnected rigidly                                                                                                                                                                                                                                                             |
| B63B 1/14        | 3-Punkt Untergruppe | . . . the hulls being interconnected resiliently                                                                                                                                                                                                                                                         |
| B63B 1/16        | 1-Punkt Untergruppe | . deriving additional lift from hydrodynamic forces                                                                                                                                                                                                                                                      |
| B63B 1/18        | 2-Punkt Untergruppe | . . of hydroplane type (controlling submarine attitude or depth by hydroplanes B63G 8/18)                                                                                                                                                                                                                |
| B63B 1/20        | 3-Punkt Untergruppe | . . . having more than one planing surface (B63B 1/22 takes precedence)                                                                                                                                                                                                                                  |
| B63B 1/22        | 3-Punkt Untergruppe | . . . with adjustable planing surfaces                                                                                                                                                                                                                                                                   |
| B63B 1/24        | 2-Punkt Untergruppe | . . of hydrofoil type                                                                                                                                                                                                                                                                                    |
| B63B 1/26        | 3-Punkt Untergruppe | . . . having more than one hydrofoil (B63B 1/28 takes precedence)                                                                                                                                                                                                                                        |
| B63B 1/28        | 3-Punkt Untergruppe | . . . with movable hydrofoils                                                                                                                                                                                                                                                                            |
| B63B 1/30        | 4-Punkt Untergruppe | . . . . retracting or folding                                                                                                                                                                                                                                                                            |
| B63B 1/32        | 1-Punkt Untergruppe | . Other means for varying the inherent hydrodynamic characteristics of hulls                                                                                                                                                                                                                             |
| B63B 1/34        | 2-Punkt Untergruppe | . . by reducing surface friction                                                                                                                                                                                                                                                                         |
| B63B 1/36        | 3-Punkt Untergruppe | . . . using mechanical means                                                                                                                                                                                                                                                                             |
| B63B 1/38        | 3-Punkt Untergruppe | . . . using air bubbles or air layers                                                                                                                                                                                                                                                                    |
| B63B 1/40        | 2-Punkt Untergruppe | . . by diminishing wave resistance                                                                                                                                                                                                                                                                       |
| <b>B63B 3/00</b> | <b>Hauptgruppe</b>  | <b>Constructions of hulls (non-metallic hulls B63B 5/00; designing, building, maintaining, or repairing methods B63B 9/00)</b>                                                                                                                                                                           |
| B63B 3/02        | 1-Punkt Untergruppe | . Hulls assembled from prefabricated sub-units                                                                                                                                                                                                                                                           |
| B63B 3/04        | 2-Punkt Untergruppe | . . with permanently-connected sub-units                                                                                                                                                                                                                                                                 |
| B63B 3/06        | 3-Punkt Untergruppe | . . . the sub-units being substantially identical                                                                                                                                                                                                                                                        |
| B63B 3/08        | 2-Punkt Untergruppe | . . with detachably-connected sub-units                                                                                                                                                                                                                                                                  |

| Symbol    | Typ                 | Titel                                                                                                |
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| B63B 3/09 | 1-Punkt Untergruppe | . Hulls constructed of non-magnetic metal                                                            |
| B63B 3/10 | 1-Punkt Untergruppe | . Armoured hulls                                                                                     |
| B63B 3/12 | 1-Punkt Untergruppe | . Frameless hulls                                                                                    |
| B63B 3/13 | 1-Punkt Untergruppe | . Hulls built to withstand hydrostatic pressure when fully submerged, e.g. submarine hulls           |
| B63B 3/14 | 1-Punkt Untergruppe | . Hull parts (hull armour B63B 3/10)                                                                 |
| B63B 3/16 | 2-Punkt Untergruppe | . . Shells (ports or closures therefor B63B 19/00)                                                   |
| B63B 3/18 | 3-Punkt Untergruppe | . . . characterised by being formed predominantly of parts that may be developed into plane surfaces |
| B63B 3/20 | 3-Punkt Untergruppe | . . . of double type                                                                                 |
| B63B 3/22 | 3-Punkt Untergruppe | . . . with corrugations                                                                              |
| B63B 3/24 | 3-Punkt Untergruppe | . . . Means for diminishing external ridges or protrusions                                           |
| B63B 3/26 | 2-Punkt Untergruppe | . . Frames                                                                                           |
| B63B 3/28 | 3-Punkt Untergruppe | . . . of transverse type; Stringers                                                                  |
| B63B 3/30 | 4-Punkt Untergruppe | . . . . Bilge knees; Beam knees                                                                      |
| B63B 3/32 | 3-Punkt Untergruppe | . . . Web frames; Web beams                                                                          |
| B63B 3/34 | 3-Punkt Untergruppe | . . . of longitudinal type; Bulkhead connections                                                     |
| B63B 3/36 | 3-Punkt Untergruppe | . . . Combined frame systems                                                                         |
| B63B 3/38 | 2-Punkt Untergruppe | . . Keels (movable keels B63B 41/00)                                                                 |
| B63B 3/40 | 2-Punkt Untergruppe | . . Stern posts; Stern frames                                                                        |
| B63B 3/42 | 2-Punkt Untergruppe | . . Shaft brackets                                                                                   |
| B63B 3/44 | 2-Punkt Untergruppe | . . Bilge keels (stabilising aspect B63B 39/06)                                                      |
| B63B 3/46 | 2-Punkt Untergruppe | . . Stems                                                                                            |
| B63B 3/48 | 2-Punkt Untergruppe | . . Decks (planking B63B 5/06)                                                                       |
| B63B 3/50 | 3-Punkt Untergruppe | . . . of vaulted type                                                                                |
| B63B 3/52 | 3-Punkt Untergruppe | . . . Pillars; Deck girders                                                                          |
| B63B 3/54 | 3-Punkt Untergruppe | . . . Hatch openings                                                                                 |
| B63B 3/56 | 2-Punkt Untergruppe | . . Bulkheads; Bulkhead reinforcements (arrangements of watertight doors B63B 43/24)                 |
| B63B 3/58 | 3-Punkt Untergruppe | . . . with flat plating                                                                              |
| B63B 3/60 | 3-Punkt Untergruppe | . . . with curved or corrugated plating                                                              |
| B63B 3/62 | 2-Punkt Untergruppe | . . Double bottoms; Tank tops                                                                        |
| B63B 3/64 | 3-Punkt Untergruppe | . . . Keelsons                                                                                       |
| B63B 3/66 | 2-Punkt Untergruppe | . . Gratings                                                                                         |
| B63B 3/68 | 2-Punkt Untergruppe | . . Panellings; Linings, e.g. for insulating purposes                                                |

| Symbol            | Typ                 | Titel                                                                                                                                                                                                       |
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| B63B 3/70         | 2-Punkt Untergruppe | . . Reinforcements for carrying localised loads, e.g. propulsion plant, guns                                                                                                                                |
| <b>B63B 5/00</b>  | <b>Hauptgruppe</b>  | <b>Hulls characterised by their construction of non-metallic material</b>                                                                                                                                   |
| B63B 5/02         | 1-Punkt Untergruppe | . made predominantly of wood                                                                                                                                                                                |
| B63B 5/04         | 2-Punkt Untergruppe | . . Carcasses                                                                                                                                                                                               |
| B63B 5/06         | 2-Punkt Untergruppe | . . Decks; Shells                                                                                                                                                                                           |
| B63B 5/08         | 3-Punkt Untergruppe | . . . with single-layer planking                                                                                                                                                                            |
| B63B 5/10         | 3-Punkt Untergruppe | . . . with multiple-layer planking                                                                                                                                                                          |
| B63B 5/12         | 1-Punkt Untergruppe | . made predominantly of wood with metal reinforcement, i.e. composite construction                                                                                                                          |
| B63B 5/14         | 1-Punkt Untergruppe | . made predominantly of concrete, e.g. reinforced                                                                                                                                                           |
| B63B 5/16         | 2-Punkt Untergruppe | . . monolithic                                                                                                                                                                                              |
| B63B 5/18         | 2-Punkt Untergruppe | . . built-up from elements                                                                                                                                                                                  |
| B63B 5/20         | 3-Punkt Untergruppe | . . . in combination with elements of other materials                                                                                                                                                       |
| B63B 5/22         | 2-Punkt Untergruppe | . . with reinforcing members external to shell                                                                                                                                                              |
| B63B 5/24         | 1-Punkt Untergruppe | . made predominantly of plastics                                                                                                                                                                            |
| <b>B63B 7/00</b>  | <b>Hauptgruppe</b>  | <b>Collapsible, foldable, inflatable, or like vessels (foldable pontoons B63B 35/36)</b>                                                                                                                    |
| B63B 7/02         | 1-Punkt Untergruppe | . comprising only rigid parts                                                                                                                                                                               |
| B63B 7/04         | 2-Punkt Untergruppe | . . sectionalised                                                                                                                                                                                           |
| B63B 7/06         | 1-Punkt Untergruppe | . having parts of non-rigid material                                                                                                                                                                        |
| B63B 7/08         | 2-Punkt Untergruppe | . . inflatable (connection of valves to inflatable elastic bodies B60C 29/00)                                                                                                                               |
| <b>B63B 9/00</b>  | <b>Hauptgruppe</b>  | <b>Methods of designing, building, maintaining, converting, refitting, repairing, or determining properties of, vessels, not otherwise provided for (shuttering for building concrete vessels E04G) [2]</b> |
| B63B 9/02         | 1-Punkt Untergruppe | . using towing tanks or model basins for designing                                                                                                                                                          |
| B63B 9/04         | 1-Punkt Untergruppe | . Rebuilding ships, e.g. increasing tonnage                                                                                                                                                                 |
| B63B 9/06         | 1-Punkt Untergruppe | . Methods of building hulls [2]                                                                                                                                                                             |
| B63B 9/08         | 1-Punkt Untergruppe | . Determining vessel properties with respect to stability or balance [2]                                                                                                                                    |
| <b>B63B 11/00</b> | <b>Hauptgruppe</b>  | <b>Interior subdivision of hulls (bulkhead space construction B63B 3/56)</b>                                                                                                                                |
| B63B 11/02        | 1-Punkt Untergruppe | . Arrangement of bulkheads, e.g. defining cargo spaces                                                                                                                                                      |
| B63B 11/04        | 1-Punkt Untergruppe | . Constructional features of bunkers or ballast tanks, e.g. with elastic walls (cleaning of tanks B63B 57/00)                                                                                               |
| B63B 11/06        | 1-Punkt Untergruppe | . Propeller-shaft tunnels                                                                                                                                                                                   |
| <b>B63B 13/00</b> | <b>Hauptgruppe</b>  | <b>Conduits for emptying or ballasting; Self-bailing equipment; Scuppers (draining means for hatches B63B 19/26; centrifugal bilge-water separators B04; pipes in general F16L)</b>                         |
| B63B 13/02        | 1-Punkt Untergruppe | . Ports for passing water through vessels' sides                                                                                                                                                            |
| <b>B63B 15/00</b> | <b>Hauptgruppe</b>  | <b>Superstructures; Arrangements or adaptations of masts (loading or unloading equipment B63B 27/00; sails, running rigging B63H; masts or staying in general E04H)</b>                                     |
| B63B 15/02        | 1-Punkt Untergruppe | . Staying of masts or of other superstructures                                                                                                                                                              |

| Symbol            | Typ                 | Titel                                                                                                                                                                                                                     |
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| <b>B63B 17/00</b> | <b>Hauptgruppe</b>  | <b>Vessels parts, details, or accessories, not otherwise provided for</b>                                                                                                                                                 |
| B63B 17/02        | 1-Punkt Untergruppe | . Awnings                                                                                                                                                                                                                 |
| B63B 17/04        | 1-Punkt Untergruppe | . Stanchions; Guard-rails                                                                                                                                                                                                 |
| B63B 17/06        | 1-Punkt Untergruppe | . Refuse discharge, e.g. for ash (removal of domestic or like refuse B65F)                                                                                                                                                |
| <b>B63B 19/00</b> | <b>Hauptgruppe</b>  | <b>Arrangements or adaptations of ports, doors, windows, port-holes, or other openings or covers (scuppers B63B 13/00; arrangements of watertight doors in bulkheads B63B 43/24)</b>                                      |
| B63B 19/02        | 1-Punkt Untergruppe | . Clear-view screens                                                                                                                                                                                                      |
| B63B 19/04        | 1-Punkt Untergruppe | . Air-catching equipment related to windows or port-holes (ventilation B63J 2/00)                                                                                                                                         |
| B63B 19/06        | 2-Punkt Untergruppe | . . readily detachable                                                                                                                                                                                                    |
| B63B 19/08        | 1-Punkt Untergruppe | . Ports or like openings in vessels' sides                                                                                                                                                                                |
| B63B 19/10        | 2-Punkt Untergruppe | . . Coal ports                                                                                                                                                                                                            |
| B63B 19/12        | 1-Punkt Untergruppe | . Hatches; Hatchways (hatch coamings B63B 3/54)                                                                                                                                                                           |
| B63B 19/14        | 2-Punkt Untergruppe | . . Hatch covers (opening devices in general E05F)                                                                                                                                                                        |
| B63B 19/16        | 3-Punkt Untergruppe | . . . with detachable boards                                                                                                                                                                                              |
| B63B 19/18        | 3-Punkt Untergruppe | . . . slidable                                                                                                                                                                                                            |
| B63B 19/19        | 3-Punkt Untergruppe | . . . foldable [3]                                                                                                                                                                                                        |
| B63B 19/197       | 4-Punkt Untergruppe | . . . . actuated by fluid pressure [3]                                                                                                                                                                                    |
| B63B 19/203       | 4-Punkt Untergruppe | . . . . actuated by cables or the like [3]                                                                                                                                                                                |
| B63B 19/21        | 3-Punkt Untergruppe | . . . of roll-up type [3]                                                                                                                                                                                                 |
| B63B 19/22        | 2-Punkt Untergruppe | . . Hatch beams                                                                                                                                                                                                           |
| B63B 19/24        | 2-Punkt Untergruppe | . . Hatch fastenings, e.g. cleats                                                                                                                                                                                         |
| B63B 19/26        | 2-Punkt Untergruppe | . . Gaskets; Draining means                                                                                                                                                                                               |
| B63B 19/28        | 2-Punkt Untergruppe | . . Other safety devices                                                                                                                                                                                                  |
| <b>B63B 21/00</b> | <b>Hauptgruppe</b>  | <b>Tying-up; Shifting, towing, or pushing equipment; Anchoring (dynamic anchoring B63H 25/00; equipment for shipping on coasts, in harbours or on other fixed marine structures, e.g. for landing purposes, E02B) [4]</b> |
| B63B 21/02        | 1-Punkt Untergruppe | . Magnetic mooring equipment                                                                                                                                                                                              |
| B63B 21/04        | 1-Punkt Untergruppe | . Fastening or guiding equipment for chains, ropes, hawsers, or the like                                                                                                                                                  |
| B63B 21/06        | 2-Punkt Untergruppe | . . Bollards                                                                                                                                                                                                              |
| B63B 21/08        | 2-Punkt Untergruppe | . . Clamping devices (in general F16B)                                                                                                                                                                                    |
| B63B 21/10        | 2-Punkt Untergruppe | . . Fairleads                                                                                                                                                                                                             |
| B63B 21/12        | 2-Punkt Untergruppe | . . Rat guards                                                                                                                                                                                                            |
| B63B 21/14        | 2-Punkt Untergruppe | . . Hawse-holes; Hawse-pipes; Hawse-hole closures                                                                                                                                                                         |
| B63B 21/16        | 1-Punkt Untergruppe | . using winches (winches <u>per se</u> B66D)                                                                                                                                                                              |

| Symbol            | Typ                 | Titel                                                                                                                                                                                                                                                                  |
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| B63B 21/18        | 1-Punkt Untergruppe | . Stoppers for anchor chains                                                                                                                                                                                                                                           |
| B63B 21/20        | 1-Punkt Untergruppe | . Adaptations of chains, ropes, hawsers, or the like, or of parts thereof (chains, ropes or hawsers in general, <u>see</u> the relevant subclasses, e.g. F16G)                                                                                                         |
| B63B 21/22        | 1-Punkt Untergruppe | . Handling or lashing anchors                                                                                                                                                                                                                                          |
| B63B 21/24        | 1-Punkt Untergruppe | . Anchors                                                                                                                                                                                                                                                              |
| B63B 21/26        | 2-Punkt Untergruppe | . . securing to bed                                                                                                                                                                                                                                                    |
| B63B 21/27        | 3-Punkt Untergruppe | . . . by suction [2]                                                                                                                                                                                                                                                   |
| B63B 21/28        | 3-Punkt Untergruppe | . . . driven-in by explosive charge                                                                                                                                                                                                                                    |
| B63B 21/29        | 3-Punkt Untergruppe | . . . by weight, e.g. flukeless weight anchors [2]                                                                                                                                                                                                                     |
| B63B 21/30        | 2-Punkt Untergruppe | . . rigid when in use [3]                                                                                                                                                                                                                                              |
| B63B 21/32        | 3-Punkt Untergruppe | . . . with one fluke                                                                                                                                                                                                                                                   |
| B63B 21/34        | 3-Punkt Untergruppe | . . . with two or more flukes                                                                                                                                                                                                                                          |
| B63B 21/36        | 4-Punkt Untergruppe | . . . . foldable                                                                                                                                                                                                                                                       |
| B63B 21/38        | 2-Punkt Untergruppe | . . pivoting when in use [3]                                                                                                                                                                                                                                           |
| B63B 21/40        | 3-Punkt Untergruppe | . . . with one fluke                                                                                                                                                                                                                                                   |
| B63B 21/42        | 4-Punkt Untergruppe | . . . . of ploughshare type                                                                                                                                                                                                                                            |
| B63B 21/44        | 3-Punkt Untergruppe | . . . with two or more flukes                                                                                                                                                                                                                                          |
| B63B 21/46        | 2-Punkt Untergruppe | . . with variable, e.g. sliding, connection to chain [2]                                                                                                                                                                                                               |
| B63B 21/48        | 2-Punkt Untergruppe | . . Sea-anchors; Drogues                                                                                                                                                                                                                                               |
| B63B 21/50        | 1-Punkt Untergruppe | . Anchoring arrangements for special vessels, e.g. for floating drilling platforms or dredgers                                                                                                                                                                         |
| B63B 21/54        | 1-Punkt Untergruppe | . Boat-hooks or the like                                                                                                                                                                                                                                               |
| B63B 21/56        | 1-Punkt Untergruppe | . Towing or pushing equipment (tugs B63B 35/66)                                                                                                                                                                                                                        |
| B63B 21/58        | 2-Punkt Untergruppe | . . Adaptations of hooks for towing; Towing-hook mountings (hooks in general F16B)                                                                                                                                                                                     |
| B63B 21/60        | 3-Punkt Untergruppe | . . . Quick releases                                                                                                                                                                                                                                                   |
| B63B 21/62        | 2-Punkt Untergruppe | . . characterised by moving of more than one vessel (rigid interconnections between pontoons B63B 35/38)                                                                                                                                                               |
| B63B 21/64        | 2-Punkt Untergruppe | . . Equipment for towing or pushing vessels by vehicles or beings moving forward on ground-based paths along water-way (boat-hooks or the like B63B 21/54; shore- or ground-based equipment <u>per se</u> , e.g. vehicles, rails, <u>see</u> the relevant classes) [2] |
| B63B 21/66        | 2-Punkt Untergruppe | . . Equipment specially adapted for towing underwater objects or vessels, e.g. fairings for tow-cables (salvaging underwater vessels or objects B63C 7/00; towed underwater vessels B63G 8/42) [3]                                                                     |
| <b>B63B 22/00</b> | <b>Hauptgruppe</b>  | <b>Buoys (means for indicating the location of underwater objects B63C 7/26; life-buoys, e.g. rings, B63C 9/08) [4]</b>                                                                                                                                                |
| B63B 22/02        | 1-Punkt Untergruppe | . specially adapted for mooring a vessel [4]                                                                                                                                                                                                                           |
| B63B 22/04        | 1-Punkt Untergruppe | . Anchoring arrangements [4]                                                                                                                                                                                                                                           |

| Symbol            | Typ                 | Titel                                                                                                                                                                                                                              |
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| B63B 22/06        | 2-Punkt Untergruppe | . . with means to cause the buoy to surface in response to a transmitted signal [4]                                                                                                                                                |
| B63B 22/08        | 2-Punkt Untergruppe | . . having means to release or urge to the surface a buoy on submergence thereof, e.g. to mark location of a sunken object [4]                                                                                                     |
| B63B 22/10        | 3-Punkt Untergruppe | . . . Water soluble or water weakened means, i.e. buoy released by buoy-to-object securing means being destroyed on contact with water [4]                                                                                         |
| B63B 22/12        | 3-Punkt Untergruppe | . . . the surfacing of the buoy being assisted by a gas released or generated on submergence of the buoy [4]                                                                                                                       |
| B63B 22/14        | 3-Punkt Untergruppe | . . . Buoy-to-object securing means responsive to hydrostatic pressure [4]                                                                                                                                                         |
| B63B 22/16        | 1-Punkt Untergruppe | . specially adapted for marking a navigational route (signalling or lighting devices B63B 45/00) [4]                                                                                                                               |
| B63B 22/18        | 1-Punkt Untergruppe | . having means to control attitude or position, e.g. reaction surfaces or tether [4]                                                                                                                                               |
| B63B 22/20        | 2-Punkt Untergruppe | . . Ballast means [4]                                                                                                                                                                                                              |
| B63B 22/22        | 1-Punkt Untergruppe | . inflatable, including gas generating means (B63B 22/12 takes precedence; connection of valves to inflatable elastic bodies B60C 29/00) [4]                                                                                       |
| B63B 22/24        | 1-Punkt Untergruppe | . container type, i.e. having provision for the storage of material [4]                                                                                                                                                            |
| B63B 22/26        | 2-Punkt Untergruppe | . . having means to selectively release contents, e.g. swivel couplings (arrangements between ships and off-shore structures for loading or unloading, using pipe-lines B63B 27/34; pipe joints or couplings, in general F16L) [4] |
| B63B 22/28        | 2-Punkt Untergruppe | . . submerged when not in use [4]                                                                                                                                                                                                  |
| <b>B63B 23/00</b> | <b>Hauptgruppe</b>  | <b>Equipment for handling lifeboats or the like</b>                                                                                                                                                                                |
| B63B 23/02        | 1-Punkt Untergruppe | . Davits, i.e. devices having arms for lowering boats by cables or the like                                                                                                                                                        |
| B63B 23/04        | 2-Punkt Untergruppe | . . with arms pivoting on substantially-horizontal axes, e.g. gravity type                                                                                                                                                         |
| B63B 23/06        | 3-Punkt Untergruppe | . . . with actual pivots                                                                                                                                                                                                           |
| B63B 23/08        | 4-Punkt Untergruppe | . . . . the arms being articulated                                                                                                                                                                                                 |
| B63B 23/10        | 4-Punkt Untergruppe | . . . . with positive drive of the arms                                                                                                                                                                                            |
| B63B 23/12        | 3-Punkt Untergruppe | . . . with simulated pivots                                                                                                                                                                                                        |
| B63B 23/14        | 4-Punkt Untergruppe | . . . . using linkages                                                                                                                                                                                                             |
| B63B 23/16        | 4-Punkt Untergruppe | . . . . using guide tracks                                                                                                                                                                                                         |
| B63B 23/18        | 2-Punkt Untergruppe | . . with arms pivoting on substantially-vertical axes                                                                                                                                                                              |
| B63B 23/20        | 3-Punkt Untergruppe | . . . Davits with single arms (cranes in general B66C)                                                                                                                                                                             |
| B63B 23/22        | 4-Punkt Untergruppe | . . . . Slings or the like therefor                                                                                                                                                                                                |
| B63B 23/24        | 3-Punkt Untergruppe | . . . Slewing equipment therefor                                                                                                                                                                                                   |
| B63B 23/26        | 2-Punkt Untergruppe | . . with rectilinear translation of boat before lowering                                                                                                                                                                           |
| B63B 23/28        | 1-Punkt Untergruppe | . Devices for projecting or releasing boats for free fall                                                                                                                                                                          |
| B63B 23/30        | 1-Punkt Untergruppe | . Devices for guiding boats to water surface                                                                                                                                                                                       |
| B63B 23/32        | 2-Punkt Untergruppe | . . Rigid guides, e.g. having arms pivoted near waterline                                                                                                                                                                          |
| B63B 23/34        | 2-Punkt Untergruppe | . . Guiding means for lowering by cables, e.g. for listing ships                                                                                                                                                                   |

| Symbol            | Typ                 | Titel                                                                                                                                                                                                                                                                      |
|-------------------|---------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| B63B 23/36        | 3-Punkt Untergruppe | . . . Skid fenders                                                                                                                                                                                                                                                         |
| B63B 23/38        | 1-Punkt Untergruppe | . Transport of boats to davits or the like                                                                                                                                                                                                                                 |
| B63B 23/40        | 1-Punkt Untergruppe | . Use of lowering or hoisting gear                                                                                                                                                                                                                                         |
| B63B 23/42        | 2-Punkt Untergruppe | . . with braking equipment                                                                                                                                                                                                                                                 |
| B63B 23/44        | 3-Punkt Untergruppe | . . . on the ship                                                                                                                                                                                                                                                          |
| B63B 23/46        | 3-Punkt Untergruppe | . . . in the boat                                                                                                                                                                                                                                                          |
| B63B 23/48        | 2-Punkt Untergruppe | . . using winches for boat handling (winches <u>per se</u> B66D)                                                                                                                                                                                                           |
| B63B 23/50        | 3-Punkt Untergruppe | . . . with tensioning gear                                                                                                                                                                                                                                                 |
| B63B 23/52        | 3-Punkt Untergruppe | . . . with control of winches from boat                                                                                                                                                                                                                                    |
| B63B 23/54        | 2-Punkt Untergruppe | . . with trimming equipment                                                                                                                                                                                                                                                |
| B63B 23/56        | 3-Punkt Untergruppe | . . . controlled from boat                                                                                                                                                                                                                                                 |
| B63B 23/58        | 2-Punkt Untergruppe | . . with tackle-engaging or release gear                                                                                                                                                                                                                                   |
| B63B 23/60        | 2-Punkt Untergruppe | . . Additional connections between boat and davit                                                                                                                                                                                                                          |
| B63B 23/62        | 1-Punkt Untergruppe | . Fastening or storing of boats on deck                                                                                                                                                                                                                                    |
| B63B 23/64        | 2-Punkt Untergruppe | . . Lashings; Covers                                                                                                                                                                                                                                                       |
| B63B 23/66        | 2-Punkt Untergruppe | . . Blocks; Chocks                                                                                                                                                                                                                                                         |
| B63B 23/68        | 3-Punkt Untergruppe | . . . for stacking boats                                                                                                                                                                                                                                                   |
| B63B 23/70        | 1-Punkt Untergruppe | . Condition-responsive handling equipment, e.g. automatic release of boat from lowering tackle upon contact with water [4]                                                                                                                                                 |
| <b>B63B 25/00</b> | <b>Hauptgruppe</b>  | <b>Load-accommodating arrangements, e.g. stowing, trimming; Vessels characterised thereby ( constructive aspects of cargo-spaces B63B 11/00; hatches, hatchways B63B 19/12; trimming otherwise than by cargo division. e.g. by use of ballast, B63B 43/06, B63B 43/08)</b> |
| B63B 25/02        | 1-Punkt Untergruppe | . for bulk goods                                                                                                                                                                                                                                                           |
| B63B 25/04        | 2-Punkt Untergruppe | . . solid                                                                                                                                                                                                                                                                  |
| B63B 25/06        | 3-Punkt Untergruppe | . . . for cereals                                                                                                                                                                                                                                                          |
| B63B 25/08        | 2-Punkt Untergruppe | . . fluid                                                                                                                                                                                                                                                                  |
| B63B 25/10        | 3-Punkt Untergruppe | . . . open to ambient air                                                                                                                                                                                                                                                  |
| B63B 25/12        | 3-Punkt Untergruppe | . . . closed                                                                                                                                                                                                                                                               |
| B63B 25/14        | 4-Punkt Untergruppe | . . . . pressurised                                                                                                                                                                                                                                                        |
| B63B 25/16        | 4-Punkt Untergruppe | . . . . heat-insulated (insulating panellings B63B 3/68; heating or cooling B63J)                                                                                                                                                                                          |
| B63B 25/18        | 1-Punkt Untergruppe | . Detachable decks                                                                                                                                                                                                                                                         |
| B63B 25/20        | 2-Punkt Untergruppe | . . for motor vehicles or the like                                                                                                                                                                                                                                         |
| B63B 25/22        | 1-Punkt Untergruppe | . for palletised articles                                                                                                                                                                                                                                                  |

| Symbol            | Typ                 | Titel                                                                                                                                                                                                                                                                                                                                                                         |
|-------------------|---------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| B63B 25/24        | 1-Punkt Untergruppe | . Means for preventing unwanted cargo movement, e.g. dunnage                                                                                                                                                                                                                                                                                                                  |
| B63B 25/26        | 1-Punkt Untergruppe | . for frozen goods                                                                                                                                                                                                                                                                                                                                                            |
| B63B 25/28        | 1-Punkt Untergruppe | . for deck loads                                                                                                                                                                                                                                                                                                                                                              |
| <b>B63B 27/00</b> | <b>Hauptgruppe</b>  | <b>Arrangement of ship-based loading or unloading equipment for cargo or passengers (self-discharging barges or lighters B63B 35/30; shore-based equipment B65G 67/60; elevators, escalators or moving walkways <u>per se</u>B66B; floating cranes B66C 23/52; loading or unloading devices <u>per se</u>, <u>see</u> the relevant subclasses, e.g. B65G, B66C, B67D) [3]</b> |
| B63B 27/04        | 1-Punkt Untergruppe | . of derricks (derricks <u>per se</u> B66C 23/60) [3]                                                                                                                                                                                                                                                                                                                         |
| B63B 27/08        | 1-Punkt Untergruppe | . of winches (winches <u>per se</u> B66D) [3]                                                                                                                                                                                                                                                                                                                                 |
| B63B 27/10        | 1-Punkt Untergruppe | . of cranes (cranes <u>per se</u> B66C) [3]                                                                                                                                                                                                                                                                                                                                   |
| B63B 27/12        | 2-Punkt Untergruppe | . . of gantry type [3]                                                                                                                                                                                                                                                                                                                                                        |
| B63B 27/14        | 1-Punkt Untergruppe | . of ramps, gangways or outboard ladders (inboard ladders B63B 29/20; loading ramps <u>per se</u> B65G 69/28; ladders <u>per se</u> E06C) [3]                                                                                                                                                                                                                                 |
| B63B 27/16        | 1-Punkt Untergruppe | . of lifts or hoists [3]                                                                                                                                                                                                                                                                                                                                                      |
| B63B 27/18        | 1-Punkt Untergruppe | . of cableways, e.g. with breeches-buoys (cableways <u>per se</u> B65G) [3]                                                                                                                                                                                                                                                                                                   |
| B63B 27/22        | 1-Punkt Untergruppe | . of conveyers, e.g. of endless-belt or screw-type (arrangement of devices with throwing action B63B 27/26; arrangement of chutes B63B 27/28; conveyers <u>per se</u> B65G) [3, 6]                                                                                                                                                                                            |
| B63B 27/24        | 1-Punkt Untergruppe | . of pipe-lines (pipe-lines <u>per se</u> F17D) [3]                                                                                                                                                                                                                                                                                                                           |
| B63B 27/25        | 2-Punkt Untergruppe | . . for fluidised bulk material [3]                                                                                                                                                                                                                                                                                                                                           |
| B63B 27/26        | 1-Punkt Untergruppe | . of devices with throwing action (mechanical throwing machines for articles or solid materials <u>per se</u> B65G 31/00) [3]                                                                                                                                                                                                                                                 |
| B63B 27/28        | 1-Punkt Untergruppe | . of chutes (chutes <u>per se</u> B65G 11/00) [3]                                                                                                                                                                                                                                                                                                                             |
| B63B 27/30        | 1-Punkt Untergruppe | . for transfer at sea between ships or between ships and off-shore structures [3]                                                                                                                                                                                                                                                                                             |
| B63B 27/32        | 2-Punkt Untergruppe | . . using cableways [3]                                                                                                                                                                                                                                                                                                                                                       |
| B63B 27/34        | 2-Punkt Untergruppe | . . using pipe-lines [3]                                                                                                                                                                                                                                                                                                                                                      |
| B63B 27/36        | 1-Punkt Untergruppe | . for floating cargo (devices for facilitating retrieval of floating objects <u>per se</u> B66C 13/02) [3]                                                                                                                                                                                                                                                                    |
| <b>B63B 29/00</b> | <b>Hauptgruppe</b>  | <b>Accommodation for crew or passengers not otherwise provided for</b>                                                                                                                                                                                                                                                                                                        |
| B63B 29/02        | 1-Punkt Untergruppe | . Cabins or other living spaces; Construction or arrangement thereof                                                                                                                                                                                                                                                                                                          |
| B63B 29/04        | 2-Punkt Untergruppe | . . Furniture peculiar to vessels (floatable furniture B63C 9/30)                                                                                                                                                                                                                                                                                                             |
| B63B 29/06        | 3-Punkt Untergruppe | . . . Fastening to floors                                                                                                                                                                                                                                                                                                                                                     |
| B63B 29/08        | 3-Punkt Untergruppe | . . . Storm guards on tables, e.g. fiddles                                                                                                                                                                                                                                                                                                                                    |



| Symbol            | Typ                 | Titel                                                                                                                                                                                                                                                                                       |
|-------------------|---------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| B63B 29/10        | 3-Punkt Untergruppe | . . . Berths; Mounting ladders therefor                                                                                                                                                                                                                                                     |
| B63B 29/12        | 3-Punkt Untergruppe | . . . Self-levelling mountings                                                                                                                                                                                                                                                              |
| B63B 29/14        | 2-Punkt Untergruppe | . . Closet or like flushing arrangements; Washing or bathing facilities peculiar to ships                                                                                                                                                                                                   |
| B63B 29/16        | 1-Punkt Untergruppe | . Soil-water discharges                                                                                                                                                                                                                                                                     |
| B63B 29/18        | 1-Punkt Untergruppe | . Arrangements or adaptations of swimming pools                                                                                                                                                                                                                                             |
| B63B 29/20        | 1-Punkt Untergruppe | . Arrangements or adaptations of ladders (mounting ladders for berths B63B 29/10)                                                                                                                                                                                                           |
| B63B 29/22        | 1-Punkt Untergruppe | . Galleys [2]                                                                                                                                                                                                                                                                               |
| <b>B63B 35/00</b> | <b>Hauptgruppe</b>  | <b>Vessels or like floating structures adapted for special purposes (vessels characterised by load-accommodating arrangements B63B 25/00; fire- fighting vessels A62C 29/00; submarines, mine-layers, or mine-sweepers B63G; large containers for use in or under water B65D 88/78) [5]</b> |
| B63B 35/03        | 1-Punkt Untergruppe | . Pipe-laying vessels (laying pipes under water F16L 1/12) [5]                                                                                                                                                                                                                              |
| B63B 35/04        | 1-Punkt Untergruppe | . Cable-laying vessels [5]                                                                                                                                                                                                                                                                  |
| B63B 35/06        | 2-Punkt Untergruppe | . . for moving cable-ends from ship to shore [5]                                                                                                                                                                                                                                            |
| B63B 35/08        | 1-Punkt Untergruppe | . Ice-breakers [5]                                                                                                                                                                                                                                                                          |
| B63B 35/10        | 2-Punkt Untergruppe | . . having forced pitching or rolling equipment [5]                                                                                                                                                                                                                                         |
| B63B 35/12        | 2-Punkt Untergruppe | . . having ice-cutters [5]                                                                                                                                                                                                                                                                  |
| B63B 35/14        | 1-Punkt Untergruppe | . Fishing vessels (fishing A01K 69/00-A01K 97/00) [5]                                                                                                                                                                                                                                       |
| B63B 35/16        | 2-Punkt Untergruppe | . . Trawlers [5]                                                                                                                                                                                                                                                                            |
| B63B 35/18        | 3-Punkt Untergruppe | . . . adapted to dragging nets aboard [5]                                                                                                                                                                                                                                                   |
| B63B 35/20        | 3-Punkt Untergruppe | . . . adapted to hoisting nets aboard [5]                                                                                                                                                                                                                                                   |
| B63B 35/22        | 2-Punkt Untergruppe | . . Whale catchers; Whale factory vessels [5]                                                                                                                                                                                                                                               |
| B63B 35/24        | 2-Punkt Untergruppe | . . Fish holds [5]                                                                                                                                                                                                                                                                          |
| B63B 35/26        | 3-Punkt Untergruppe | . . . for live fish [5]                                                                                                                                                                                                                                                                     |
| B63B 35/28        | 1-Punkt Untergruppe | . Barges or lighters [5]                                                                                                                                                                                                                                                                    |
| B63B 35/30        | 2-Punkt Untergruppe | . . self-discharging [5]                                                                                                                                                                                                                                                                    |
| B63B 35/32        | 1-Punkt Untergruppe | . for collecting pollution from open water [5]                                                                                                                                                                                                                                              |
| B63B 35/34        | 1-Punkt Untergruppe | . Pontoons (floating bridges E01D 15/14) [5]                                                                                                                                                                                                                                                |
| B63B 35/36        | 2-Punkt Untergruppe | . . foldable [5]                                                                                                                                                                                                                                                                            |
| B63B 35/38        | 2-Punkt Untergruppe | . . Rigidly-interconnected pontoons [5]                                                                                                                                                                                                                                                     |
| B63B 35/40        | 1-Punkt Untergruppe | . for transporting marine vessels [5]                                                                                                                                                                                                                                                       |
| B63B 35/42        | 2-Punkt Untergruppe | . . with adjustable draught [5]                                                                                                                                                                                                                                                             |
| B63B 35/44        | 1-Punkt Untergruppe | . Floating buildings, stores, drilling platforms, or workshops, e.g. carrying water-oil separating devices [5]                                                                                                                                                                              |
| B63B 35/50        | 1-Punkt Untergruppe | . Vessels or floating structures for aircraft (aircraft carriers B63G 11/00; flying-boat hulls, other flotation means for aircraft B64) [5]                                                                                                                                                 |

| Symbol            | Typ                 | Titel                                                                                                                                                                                                                                                                                        |
|-------------------|---------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| B63B 35/52        | 2-Punkt Untergruppe | . . Nets, slipways or the like, for recovering aircraft from the water [5]                                                                                                                                                                                                                   |
| B63B 35/53        | 2-Punkt Untergruppe | . . Floating runways [3, 5]                                                                                                                                                                                                                                                                  |
| B63B 35/54        | 1-Punkt Untergruppe | . Ferries (propulsion of chain ferries B63H) [5]                                                                                                                                                                                                                                             |
| B63B 35/56        | 1-Punkt Untergruppe | . Lightships (marking of navigational route B63B 51/00) [5]                                                                                                                                                                                                                                  |
| B63B 35/58        | 1-Punkt Untergruppe | . Rafts, i.e. free floating waterborne vessels, of shallow draft, with little or no freeboard, and having a platform or floor for supporting a user (lifeboats, life-rafts or the like B63C 9/02) [4, 5]                                                                                     |
| B63B 35/607       | 2-Punkt Untergruppe | . . having a platform or floor below the level of the buoyancy means, e.g. suspended basket type [4, 5]                                                                                                                                                                                      |
| B63B 35/613       | 2-Punkt Untergruppe | . . with tubular shaped flotation members [4, 5]                                                                                                                                                                                                                                             |
| B63B 35/62        | 2-Punkt Untergruppe | . . formed from logs or the like [4, 5]                                                                                                                                                                                                                                                      |
| B63B 35/66        | 1-Punkt Untergruppe | . Tugs (towing or pushing equipment B63B 21/56) [5]                                                                                                                                                                                                                                          |
| B63B 35/68        | 2-Punkt Untergruppe | . . for towing [5]                                                                                                                                                                                                                                                                           |
| B63B 35/70        | 2-Punkt Untergruppe | . . for pushing [5]                                                                                                                                                                                                                                                                          |
| B63B 35/71        | 1-Punkt Untergruppe | . Canoes, kayaks or the like (collapsible, foldable, inflatable or like vessels B63B 7/00) [4, 5]                                                                                                                                                                                            |
| B63B 35/73        | 1-Punkt Untergruppe | . Other vessels or like floating structures for pleasure or sport [5]                                                                                                                                                                                                                        |
| B63B 35/74        | 2-Punkt Untergruppe | . . Body supporting buoyant devices with seat [4, 5]                                                                                                                                                                                                                                         |
| B63B 35/76        | 3-Punkt Untergruppe | . . . Ring-shaped buoyant member [4, 5]                                                                                                                                                                                                                                                      |
| B63B 35/78        | 3-Punkt Untergruppe | . . . U-shaped buoyant member [4, 5]                                                                                                                                                                                                                                                         |
| B63B 35/79        | 2-Punkt Untergruppe | . . Surf-boards, e.g. sailboards [5]                                                                                                                                                                                                                                                         |
| B63B 35/81        | 2-Punkt Untergruppe | . . Water skis; Water sledges [5]                                                                                                                                                                                                                                                            |
| B63B 35/83        | 2-Punkt Untergruppe | . . Water shoes; Bog shoes [5]                                                                                                                                                                                                                                                               |
| B63B 35/85        | 2-Punkt Untergruppe | . . Accessories not otherwise provided for, e.g. sticks for water skiing [5]                                                                                                                                                                                                                 |
| <b>B63B 38/00</b> | <b>Hauptgruppe</b>  | <b>Vessels or like floating structures not otherwise provided for (vessels characterised by load-accommodating arrangements B63B 25/00; fire-extinguishing vessels A62C 29/00; submarines, mine-layers or mine-sweepers B63G; large containers for use in or under water B65D 88/78) [5]</b> |
| <b>B63B 39/00</b> | <b>Hauptgruppe</b>  | <b>Equipment to decrease pitch, roll, or like unwanted vessel movements; Apparatus for indicating vessel attitude</b>                                                                                                                                                                        |
| B63B 39/02        | 1-Punkt Untergruppe | . to decrease vessel movements by displacement of masses [2]                                                                                                                                                                                                                                 |
| B63B 39/03        | 2-Punkt Untergruppe | . . by transferring liquids [2]                                                                                                                                                                                                                                                              |
| B63B 39/04        | 1-Punkt Untergruppe | . to decrease vessel movements by using gyroscopes directly                                                                                                                                                                                                                                  |
| B63B 39/06        | 1-Punkt Untergruppe | . to decrease vessel movements by using foils acting on ambient water (constructional aspects of bilge keels B63B 3/44)                                                                                                                                                                      |
| B63B 39/08        | 1-Punkt Untergruppe | . to decrease vessel movements by using auxiliary jets or propellers (using auxiliary jets or propellers for steering or dynamic anchoring B63H 25/00)                                                                                                                                       |
| B63B 39/10        | 1-Punkt Untergruppe | . to decrease vessel movements by damping the waves, e.g. by pouring oil on water [2]                                                                                                                                                                                                        |
| B63B 39/12        | 1-Punkt Untergruppe | . for indicating draught or load                                                                                                                                                                                                                                                             |
| B63B 39/14        | 1-Punkt Untergruppe | . for indicating inclination or duration of roll                                                                                                                                                                                                                                             |

| Symbol            | Typ                 | Titel                                                                                                                                                                                                                                                                                                                                                         |
|-------------------|---------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>B63B 41/00</b> | <b>Hauptgruppe</b>  | <b>Drop keels, e.g. centre boards, side boards (keels integral with hull B63B 3/38; stabilising foils B63B 39/06)</b>                                                                                                                                                                                                                                         |
| <b>B63B 43/00</b> | <b>Hauptgruppe</b>  | <b>Improving safety of vessels, e.g. damage control, not otherwise provided for (fire-fighting in ships A62C 3/10)</b>                                                                                                                                                                                                                                        |
| B63B 43/02        | 1-Punkt Untergruppe | . reducing risk of capsizing or sinking (by means of watertight doors in bulkheads B63B 43/24)                                                                                                                                                                                                                                                                |
| B63B 43/04        | 2-Punkt Untergruppe | . . by improving stability                                                                                                                                                                                                                                                                                                                                    |
| B63B 43/06        | 3-Punkt Untergruppe | . . . using ballast tanks (conduits for emptying or ballasting B63B 13/00)                                                                                                                                                                                                                                                                                    |
| B63B 43/08        | 3-Punkt Untergruppe | . . . by transfer of solid ballast                                                                                                                                                                                                                                                                                                                            |
| B63B 43/10        | 2-Punkt Untergruppe | . . by improving buoyancy                                                                                                                                                                                                                                                                                                                                     |
| B63B 43/12        | 3-Punkt Untergruppe | . . . using inboard air containers                                                                                                                                                                                                                                                                                                                            |
| B63B 43/14        | 3-Punkt Untergruppe | . . . using outboard floating members                                                                                                                                                                                                                                                                                                                         |
| B63B 43/16        | 3-Punkt Untergruppe | . . . Temporary equipment for stopping leaks, e.g. collision mats                                                                                                                                                                                                                                                                                             |
| B63B 43/18        | 1-Punkt Untergruppe | . preventing collision; reducing collision damage                                                                                                                                                                                                                                                                                                             |
| B63B 43/20        | 2-Punkt Untergruppe | . . Feelers                                                                                                                                                                                                                                                                                                                                                   |
| B63B 43/24        | 1-Punkt Untergruppe | . Arrangements of watertight doors in bulkheads                                                                                                                                                                                                                                                                                                               |
| B63B 43/26        | 2-Punkt Untergruppe | . . of sliding type                                                                                                                                                                                                                                                                                                                                           |
| B63B 43/28        | 3-Punkt Untergruppe | . . . with mechanical drive                                                                                                                                                                                                                                                                                                                                   |
| B63B 43/30        | 3-Punkt Untergruppe | . . . with fluid drive                                                                                                                                                                                                                                                                                                                                        |
| B63B 43/32        | 2-Punkt Untergruppe | . . of non-sliding type                                                                                                                                                                                                                                                                                                                                       |
| <b>B63B 45/00</b> | <b>Hauptgruppe</b>  | <b>Arrangement or adaptation of signalling or lighting devices (arrangement of signalling or lighting devices, the mounting or supporting thereof or circuits therefor, for vehicles in general B60Q; life-buoys, -belts, -jackets, -suits or the like, characterised by signalling means B63C 9/20; lighting devices or systems therefor F21L, F21S) [4]</b> |
| B63B 45/02        | 1-Punkt Untergruppe | . the devices being intended to illuminate the way ahead or other areas of environments                                                                                                                                                                                                                                                                       |
| B63B 45/04        | 1-Punkt Untergruppe | . the devices being intended to indicate the vessel or parts thereof                                                                                                                                                                                                                                                                                          |
| B63B 45/06        | 1-Punkt Untergruppe | . the devices being intended to illuminate vessels' decks or interior                                                                                                                                                                                                                                                                                         |
| B63B 45/08        | 1-Punkt Untergruppe | . the devices being acoustic                                                                                                                                                                                                                                                                                                                                  |
| <b>B63B 49/00</b> | <b>Hauptgruppe</b>  | <b>Arrangements of nautical instruments or navigational aids (nautical measuring instruments G01C; radio navigation, analogous arrangements using other waves G01S)</b>                                                                                                                                                                                       |
| <b>B63B 51/00</b> | <b>Hauptgruppe</b>  | <b>Marking of navigational route other than with buoys (buoys specially adapted for marking a navigational route B63B 22/16) [4]</b>                                                                                                                                                                                                                          |
| B63B 51/02        | 1-Punkt Untergruppe | . with anchored lightships; by use of lighthouses [4]                                                                                                                                                                                                                                                                                                         |
| B63B 51/04        | 1-Punkt Untergruppe | . with free-floating flares                                                                                                                                                                                                                                                                                                                                   |
| <b>B63B 57/00</b> | <b>Hauptgruppe</b>  | <b>Tank cleaning specially adapted for vessels (tank cleaning in general B08B 9/08)</b>                                                                                                                                                                                                                                                                       |
| B63B 57/02        | 1-Punkt Untergruppe | . by washing                                                                                                                                                                                                                                                                                                                                                  |
| B63B 57/04        | 1-Punkt Untergruppe | . by ventilating                                                                                                                                                                                                                                                                                                                                              |
| <b>B63B 59/00</b> | <b>Hauptgruppe</b>  | <b>Hull protection peculiar to vessels; Cleaning devices peculiar to vessels (cleaning in general B08B ; cleaning of vehicles in general, e.g. windscreen wipers, B60S; inhibiting corrosion of metals by anodic or cathodic protection C23F 13/00)</b>                                                                                                       |

| Symbol     | Typ                 | Titel                                                                                                                                                                    |
|------------|---------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| B63B 59/02 | 1-Punkt Untergruppe | . Fenders integral with waterborne vessels or specially adapted therefor; Rubbing-strakes (fenders on coasts, in harbours or on other fixed marine structures E02B 3/26) |
| B63B 59/04 | 1-Punkt Untergruppe | . Preventing hull fouling (anti-fouling paints C09D 5/16) [3]                                                                                                            |
| B63B 59/06 | 1-Punkt Untergruppe | . Cleaning devices for hulls [3]                                                                                                                                         |
| B63B 59/08 | 2-Punkt Untergruppe | . . of underwater surfaces while afloat (B63B 59/10 takes precedence) [3]                                                                                                |
| B63B 59/10 | 2-Punkt Untergruppe | . . using trolleys or the like driven along the surface [3]                                                                                                              |