

Symbol	Typ	Titel
B	Sektion	SECTION B — PERFORMING OPERATIONS; TRANSPORTING
B60	Untersektion	TRANSPORTING
B60	Klasse	VEHICLES IN GENERAL
B60B	Unterklasse	VEHICLE WHEELS; CASTORS; AXLES; INCREASING WHEEL ADHESION
		<u>Wheels (wheels for roller skates A63C 17/22; making wheels or wheel parts by rolling B21H 1/00, by forging, hammering, or pressing B21K 1/28)</u>
B60B 1/00	Hauptgruppe	Spoked wheels; Spokes thereof (non-metallic B60B 5/00) [2]
B60B 1/02	1-Punkt Untergruppe	. Wheels with wire or other tension spokes
B60B 1/04	2-Punkt Untergruppe	. . Attaching spokes to rim or hub
B60B 1/06	1-Punkt Untergruppe	. Wheels with compression spokes (wheels of high resiliency B60B 9/00)
B60B 1/08	2-Punkt Untergruppe	. . formed by casting
B60B 1/10	2-Punkt Untergruppe	. . fabricated from sheet metal (B60B 1/12, B60B 3/08 take precedence)
B60B 1/12	2-Punkt Untergruppe	. . with tubular spokes (B60B 1/08 takes precedence)
B60B 1/14	2-Punkt Untergruppe	. . Attaching spokes to rim or hub
B60B 3/00	Hauptgruppe	Disc wheels, i.e. wheels with load-supporting disc body (non-metallic B60B 5/00; wheel cover discs B60B 7/00)
B60B 3/02	1-Punkt Untergruppe	. with a single disc body integral with rim
B60B 3/04	1-Punkt Untergruppe	. with a single disc body not integral with rim
B60B 3/06	1-Punkt Untergruppe	. formed by casting
B60B 3/08	1-Punkt Untergruppe	. with disc body formed by two or more axially- spaced discs
B60B 3/10	1-Punkt Untergruppe	. apertured to simulate spoked wheels
B60B 3/12	1-Punkt Untergruppe	. Means of reinforcing disc bodies
B60B 3/14	1-Punkt Untergruppe	. Attaching disc body to hub (resiliently B60B 9/00; attaching rim to wheel body B60B 23/00)
B60B 3/16	2-Punkt Untergruppe	. . by bolts or the like
B60B 3/18	2-Punkt Untergruppe	. . by circlips or the like
B60B 5/00	Hauptgruppe	Wheels, spokes, disc bodies, rims, hubs, wholly or predominantly made of non-metallic material (wheel cover discs B60B 7/00; wheels of high resiliency B60B 9/00)
B60B 5/02	1-Punkt Untergruppe	. made of synthetic material
B60B 5/04	1-Punkt Untergruppe	. made of wood
B60B 7/00	Hauptgruppe	Wheel cover discs, rings, or the like, for ornamenting, protecting, or obscuring, wholly or in part, the wheel body, rim, hub, or tyre sidewall [2, 5]
B60B 7/01	1-Punkt Untergruppe	. Rings specially adapted for covering only the wheel rim or the tyre sidewall, e.g. removable tyre sidewall trim rings [5]
B60B 7/02	1-Punkt Untergruppe	. made essentially in one part (B60B 7/01 takes precedence) [5]
B60B 7/04	1-Punkt Untergruppe	. built-up of several main parts (B60B 7/01, B60B 7/20 take precedence) [5]
B60B 7/06	1-Punkt Untergruppe	. Fastening arrangements therefor (B60B 7/01, B60B 7/16 take precedence) [5]

Symbol	Typ	Titel
B60B 7/08	2-Punkt Untergruppe	. . having gripping elements consisting of formations integral with the cover [5]
B60B 7/10	2-Punkt Untergruppe	. . comprising a plurality of spaced spring clips individually mounted on the cover, e.g. riveted, welded or readily releasable [5]
B60B 7/12	2-Punkt Untergruppe	. . comprising an annular spring or gripping element mounted on the cover (B60B 7/08 takes precedence) [5]
B60B 7/14	2-Punkt Untergruppe	. . comprising screw-threaded means [5]
B60B 7/16	1-Punkt Untergruppe	. Anti-theft devices [5]
B60B 7/18	1-Punkt Untergruppe	. simulating spoked or wire wheel [5]
B60B 7/20	1-Punkt Untergruppe	. having an element mounted for rotation independently of wheel rotation [5]
B60B 9/00	Hauptgruppe	Wheels of high resiliency
B60B 9/02	1-Punkt Untergruppe	. using springs (wheels comprising resilient spokes B60B 9/26)
B60B 9/04	2-Punkt Untergruppe	. . in leaf form
B60B 9/06	2-Punkt Untergruppe	. . in helical form
B60B 9/08	2-Punkt Untergruppe	. . in flat coiled form
B60B 9/10	2-Punkt Untergruppe	. . of rubber or the like
B60B 9/12	3-Punkt Untergruppe	. . . in the form of sleeves or rings concentric with wheel axis
B60B 9/14	3-Punkt Untergruppe	. . . with means limiting relative lateral movements between hub and remainder of wheel
B60B 9/16	3-Punkt Untergruppe	. . . modified to ensure electric conductivity
B60B 9/18	1-Punkt Untergruppe	. using fluid (within spokes B60B 9/26)
B60B 9/20	2-Punkt Untergruppe	. . in rings concentric with wheel axis
B60B 9/22	3-Punkt Untergruppe	. . . inflatable
B60B 9/24	2-Punkt Untergruppe	. . with pistons and cylinders
B60B 9/26	1-Punkt Untergruppe	. comprising resilient spokes
B60B 9/28	2-Punkt Untergruppe	. . with telescopic action
B60B 11/00	Hauptgruppe	Units comprising multiple wheels arranged side by side; Wheels having more than one rim or capable of carrying more than one tyre
B60B 11/02	1-Punkt Untergruppe	. Units of separate wheels mounted for independent or coupled rotation
B60B 11/04	1-Punkt Untergruppe	. Wheels with a rim capable of carrying more than one tyre
B60B 11/06	1-Punkt Untergruppe	. Wheels with more than one rim mounted on a single wheel body
B60B 11/08	1-Punkt Untergruppe	. Arrangements of balancing mechanisms enabling a uniform distribution of load to the tyres
B60B 11/10	1-Punkt Untergruppe	. Emergency wheels (tyres collapsible into storage or non-use condition B60C 3/08; tyres characterised by means enabling restricted operation in damaged or deflated condition B60C 17/00) [5]
B60B 15/00	Hauptgruppe	Wheels or wheel attachments designed for increasing traction (vehicle tyres B60C; non-skid devices temporarily attachable to resilient tyres or resiliently-tyred wheels B60C 27/00)
B60B 15/02	1-Punkt Untergruppe	. Wheels with spade lugs
B60B 15/04	2-Punkt Untergruppe	. . with resiliently-mounted spade lugs

Symbol	Typ	Titel
B60B 15/06	2-Punkt Untergruppe	. . with pivotally-mounted spade lugs
B60B 15/08	2-Punkt Untergruppe	. . with spade lugs axially displaced relatively to the tread surface of the tyre
B60B 15/10	2-Punkt Untergruppe	. . with radially-adjustable spade lugs; Control mechanisms therefor
B60B 15/12	3-Punkt Untergruppe	. . . involving cams or eccentric hoops
B60B 15/14	3-Punkt Untergruppe	. . . involving an axially-displaceable cone
B60B 15/16	3-Punkt Untergruppe	. . . involving gearing, e.g. gear pinions acting upon threaded shafts on the spade lugs
B60B 15/18	1-Punkt Untergruppe	. Wheels with ground-engaging plate-like shoes
B60B 15/20	2-Punkt Untergruppe	. . with resiliently-mounted shoes, e.g. on a spider
B60B 15/22	2-Punkt Untergruppe	. . connected by links to the hub
B60B 15/24	1-Punkt Untergruppe	. Tread bands or rings for fairing lugs when travelling on the road
B60B 15/26	1-Punkt Untergruppe	. Auxiliary wheels or rings with traction-increasing surface attachable to the main wheel body
B60B 15/28	1-Punkt Untergruppe	. Wheel-ballasting weights; Their attachment
B60B 17/00	Hauptgruppe	Wheels characterised by rail-engaging elements (of model railways A63H 19/22) [2]
B60B 17/02	1-Punkt Untergruppe	. with elastic tyres
B60B 19/00	Hauptgruppe	Wheels not otherwise provided for or having characteristics specified in one of the subgroups of this group
B60B 19/02	1-Punkt Untergruppe	. convertible, e.g. from road wheel to rail wheel; Wheels specially designed for alternative use on road and rail
B60B 19/04	1-Punkt Untergruppe	. expansible
B60B 19/06	1-Punkt Untergruppe	. with compartments for fluid, packing, or loading material; Buoyant wheels
B60B 19/08	1-Punkt Untergruppe	. with lubricating passages, channels, or reservoirs
B60B 19/10	1-Punkt Untergruppe	. with cooling fins
B60B 19/12	1-Punkt Untergruppe	. Roller-type wheels (B60B 19/06 takes precedence)
B60B 19/14	1-Punkt Untergruppe	. Ball-type wheels (B60B 19/06 takes precedence)
		<u>Rims; Hubs</u>
B60B 21/00	Hauptgruppe	Rims (non-metallic B60B 5/00; of high resiliency B60B 9/00; capable of carrying more than one tyre B60B 11/04; multiple rims on single wheel body B60B 11/06; of multi-part type B60B 25/00; metal tyres B60C)
B60B 21/02	1-Punkt Untergruppe	. characterised by transverse section
B60B 21/04	2-Punkt Untergruppe	. . with substantially-radial flanges (with rail-engaging flanges B60B 17/00)
B60B 21/06	1-Punkt Untergruppe	. characterised by means for attaching spokes
B60B 21/08	1-Punkt Untergruppe	. characterised by having braking surfaces
B60B 21/10	1-Punkt Untergruppe	. characterised by the form of tyre-seat or flange, e.g. corrugated (B60B 21/02 takes precedence)
B60B 21/12	1-Punkt Untergruppe	. Accessories, e.g. lining bands
B60B 23/00	Hauptgruppe	Attaching rim to wheel body (attaching spokes to rim B60B 1/04, B60B 1/14; attaching rims resiliently to wheel body B60B 9/00)
B60B 23/02	1-Punkt Untergruppe	. by split or other expansible ring devices

Symbol	Typ	Titel
B60B 23/04	1-Punkt Untergruppe	. by bayonet-joint, screw-thread, or like attachments
B60B 23/06	1-Punkt Untergruppe	. by screws, bolts, pins, or clips
B60B 23/08	2-Punkt Untergruppe	. . arranged radially
B60B 23/10	2-Punkt Untergruppe	. . arranged axially
B60B 23/12	1-Punkt Untergruppe	. by devices arranged to permit variation of axial position of rim relative to wheel body for track- width adjustment
B60B 25/00	Hauptgruppe	Rims built-up of several main parts (tools for assembling divided rims B60B 31/04)
B60B 25/02	1-Punkt Untergruppe	. Segmented rims, e.g. with segments arranged in sections; Connecting equipment, e.g. hinges; Insertable flange rings therefor
B60B 25/04	1-Punkt Untergruppe	. Rims with dismountable flange rings, seat rings, or lock rings
B60B 25/06	2-Punkt Untergruppe	. . Split flange rings, e.g. transversely split; Connecting equipment for overlapping the slot
B60B 25/08	2-Punkt Untergruppe	. . Continuous flange rings; Arrangement of recesses enabling the flange ring to be slipped over the rim body
B60B 25/10	2-Punkt Untergruppe	. . Seat rings for the tyre bead part, e.g. split
B60B 25/12	3-Punkt Untergruppe	. . . with integral flange part
B60B 25/14	2-Punkt Untergruppe	. . Locking means for flange rings or seat rings
B60B 25/16	3-Punkt Untergruppe	. . . Arrangement of bayonet catches
B60B 25/18	3-Punkt Untergruppe	. . . Arrangement of split rings
B60B 25/20	3-Punkt Untergruppe	. . . Arrangement of screw, bolts, or shouldered pins
B60B 25/22	1-Punkt Untergruppe	. Other accessories, e.g. for sealing the component parts enabling the use of tubeless tyres
B60B 27/00	Hauptgruppe	Hubs (non-metallic B60B 5/00; of high resiliency B60B 9/00)
B60B 27/02	1-Punkt Untergruppe	. adapted to be rotatably arranged on axle
B60B 27/04	2-Punkt Untergruppe	. . housing driving means, e.g. sprockets
B60B 27/06	1-Punkt Untergruppe	. adapted to be fixed on axle
		<u>Apparatus or tools for mounting, holding or assembling wheels (hand tools in general B25; tools for mounting tyres B60C 25/00; joining wheel units to motor vehicles or trailers during manufacturing, e.g. assembling, B62D 65/12)</u>
B60B 29/00	Hauptgruppe	Apparatus or tools for mounting or dismounting wheels (characterised by the means for holding the wheels B60B 30/00) [5]
B60B 30/00	Hauptgruppe	Means for holding wheels or parts thereof (spare wheel stowing, holding or mounting arrangements on vehicles B62D 43/00) [5]
B60B 30/02	1-Punkt Untergruppe	. engaging the tyre, e.g. the tyre being mounted on the wheel rim [5]
B60B 30/04	2-Punkt Untergruppe	. . the tyre not being mounted on a rim, i.e. holders or supports for tyres alone [5]
B60B 30/06	1-Punkt Untergruppe	. engaging the wheel body, e.g. the rim [5]
B60B 30/08	2-Punkt Untergruppe	. . the central part of the wheel body [5]
B60B 30/10	1-Punkt Untergruppe	. characterised by being provided on a dolly [5]
B60B 31/00	Hauptgruppe	Apparatus or tools for assembling or disassembling wheels
B60B 31/02	1-Punkt Untergruppe	. for tightening or straightening wire spokes <u>in situ</u> ; for extracting spokes from wheels

Symbol	Typ	Titel
B60B 31/04	1-Punkt Untergruppe	. for assembling divided rims
B60B 31/06	1-Punkt Untergruppe	. for removing or attaching cover discs, hub caps, or the like [2]
B60B 33/00	Hauptgruppe	Castors in general (castors for large containers B65D 90/18)
B60B 33/02	1-Punkt Untergruppe	. with disengageable swivel action
B60B 33/04	1-Punkt Untergruppe	. adjustable
B60B 33/06	2-Punkt Untergruppe	. . mounted retractably
B60B 33/08	1-Punkt Untergruppe	. Ball castors
B60B 35/00	Hauptgruppe	Axle units; Parts thereof (resilient suspension of a rigid axle or axle housing B60G 9/00; steerable vehicle stub-axles B62D)
B60B 35/02	1-Punkt Untergruppe	. Dead axles, i.e. not transmitting torque (axle housings for torque transmitting elements B60B 35/16)
B60B 35/04	2-Punkt Untergruppe	. . straight
B60B 35/06	2-Punkt Untergruppe	. . cranked
B60B 35/08	2-Punkt Untergruppe	. . of closed hollow section
B60B 35/10	2-Punkt Untergruppe	. . adjustable for varying track
B60B 35/12	1-Punkt Untergruppe	. Torque-transmitting axles
B60B 35/14	2-Punkt Untergruppe	. . composite or split, e.g. half-axles; Couplings between axle parts or sections (B60G 3/24 takes precedence)
B60B 35/16	2-Punkt Untergruppe	. . characterised by the axle housings for the torque transmitting elements, e.g. for shafts
B60B 35/18	2-Punkt Untergruppe	. . characterised by the arrangement of the bearings for the torque transmitting elements in the axle housings
B60B 37/00	Hauptgruppe	Wheel-axle combinations, e.g. wheel sets (units comprising multiple wheels arranged side by side B60B 11/00; rail-vehicle axle-boxes B61F)
B60B 37/02	1-Punkt Untergruppe	. the wheels being integral with solid axles
B60B 37/04	1-Punkt Untergruppe	. the wheels being rigidly attached to solid axles
B60B 37/06	1-Punkt Untergruppe	. the wheels being integral with, or rigidly attached to, hollow axles
B60B 37/08	2-Punkt Untergruppe	. . the hollow axles being rotatable around fixed axles
B60B 37/10	1-Punkt Untergruppe	. the wheels being individually rotatable around the axles
B60B 37/12	1-Punkt Untergruppe	. Axles with a fixed wheel and a loose wheel
B60B 39/00	Hauptgruppe	Increasing wheel adhesion (wheels or wheel attachments designed for increasing traction B60B 15/00; vehicle tyres B60C; non-skid devices temporarily attachable to resilient tyres or resiliently-tyred wheels B60C 27/00; road surface conditioning to prevent slipperiness E01C)
B60B 39/02	1-Punkt Untergruppe	. Vehicle fittings for scattering or dispensing material in front of its wheels
B60B 39/04	2-Punkt Untergruppe	. . the material being granular, e.g. sand (combined control of sanding apparatus and brakes of rail vehicles B61H)
B60B 39/06	3-Punkt Untergruppe	. . . the dispensing being effected by mechanical means
B60B 39/08	3-Punkt Untergruppe	. . . the dispensing being effected by fluid means
B60B 39/10	3-Punkt Untergruppe	. . . the dispensing being controlled electrically or electromagnetically
B60B 39/12	2-Punkt Untergruppe	. . the material being sheet-like or web-like