

CPC**COOPERATIVE PATENT CLASSIFICATION****B62B****HAND-PROPELLED VEHICLES, e.g. HAND CARTS,
PERAMBULATORS; SLEDGES****NOTES**

1. In this subclass, the term "hand carts" also embraces hand-propelled wheeled devices in so far as the features thereof are generic to hand carts. This term also embraces pedestrian-controlled power-driven vehicles in so far as the features thereof are generic to hand carts
2. Rollers are taken as being equivalent to wheels

Hand carts**B62B 1/00****Hand carts having only one axis carrying one or more transport wheels;
Equipment therefor**

- B62B 1/002 . {convertible from a one-axled vehicle to a two-axled vehicle}
- B62B 1/004 . {being longitudinally nestable with each other}
- B62B 1/006 . {being vertically stackable with each other}
- B62B 1/008 . {having a prop or stand for maintaining position}
- B62B 1/02 . in which the wheel axis is disposed between the load and the handles
- B62B 1/04 . . involving parts being adjustable, collapsible, attachable, detachable, or convertible
- B62B 1/042 . . . {foldable}
- B62B 1/045 {foldable in one action}
- B62B 1/047 {by telescopic movement of the handle}
- B62B 1/06 . . involving means for grappling or securing in place objects to be carried; Loading or unloading equipment
- B62B 1/08 . . having auxiliary wheels used during loading or unloading
- B62B 1/10 . in which the load is intended to be transferred totally to the wheels
- B62B 1/12 . . involving parts being adjustable, collapsible, attachable, detachable, or convertible
- B62B 1/125 . . . {by means of telescoping elements}
- B62B 1/14 . . involving means for grappling or securing in place objects to be carried; Loading or unloading equipment
- B62B 1/142 . . . {with object clamping means being movable substantially parallel to the ground surface}
- B62B 1/145 . . . {Unloading equipment for pushing the load from the carrier platform}
- B62B 1/147 . . . {the load support being in the form of a scoop}
- B62B 1/16 . . involving tiltably-mounted containers
- B62B 1/18 . in which the load is disposed between the wheel axis and the handles, e.g. wheelbarrows
- B62B 1/183 . . {with spring-mounted wheels}

- B62B 1/186 . . {comprising an additional wheel, e.g. mounted on the struts}
- B62B 1/20 . . involving parts being collapsible, attachable, detachable or convertible
- B62B 1/202 . . . {Detachable buckets}
- B62B 1/204 . . . {Detachable elements on the buckets, e.g. for increasing volume}
- B62B 1/206 . . . {and capable of being completely disassembled}
- B62B 1/208 . . . {foldable}
- B62B 1/22 . . involving means for grappling or securing in place objects to be carried; Loading or unloading equipment
- B62B 1/24 . . involving tiltably-mounted containers
- B62B 1/26 . characterised by supports specially adapted to objects of definite shape
- B62B 1/262 . . {the objects being of elongated shape, e.g. fishing rods, golf clubs}
- B62B 1/264 . . {the objects being of cylindrical shape, e.g. barrels, buckets, dustbins}
- B62B 1/266 . . {the objects being bags}
- B62B 1/268 . . {the objects being plates, doors, panels or the like}

B62B 3/00 **Hand carts having more than one axis carrying transport wheels; Steering devices therefor; Equipment therefor** {(convertible from one-axled to two-axled vehicle [B62B 1/002](#))}

- B62B 3/001 . {Steering devices}
- B62B 3/002 . {characterised by a rectangular shape, involving sidewalls or racks}
- B62B 3/003 . . {Non-transparent side walls}
- B62B 3/004 . . {Details of doors or cover lids}
- B62B 3/005 . . {Details of storage means, e.g. drawers, bins or racks}
- B62B 3/006 . {for stacking objects like trays, bobbins, chains}
- B62B 3/007 . {Coaster wagons}
- B62B 3/008 . {having more than two axes}
- B62B 3/009 . {of the single-track type}
- B62B 3/02 . involving parts being adjustable, collapsible, attachable, detachable or convertible
- B62B 3/022 . . {folding down the body to the wheel carriage or by retracting projecting parts (collapsible containers [B65D](#), e.g. [B65D 7/24](#), [B65D 9/12](#), [B65D 11/18](#))}
- B62B 3/025 . . {Foldable roll containers}
- B62B 3/027 . . {collapsible shopping trolleys}
- B62B 3/04 . involving means for grappling or securing in place objects to be carried; Loading or unloading equipment
- B62B 3/06 . . for simply clearing the load from the ground (masted lift trucks [B66F](#))
- B62B 3/0606 . . . {manually operated}
- B62B 3/0612 . . . {power operated}
- B62B 3/0618 . . . {using fluid lifting mechanisms}
- B62B 3/0625 . . . {using rigid mechanical lifting mechanisms, e.g. levers, cams or gears}
- B62B 3/0631 {with a parallelogram linkage}
- B62B 3/0637 . . . {using flexible mechanical lifting mechanisms, e.g. ropes or chains}

- B62B 3/0643 . . . {the wheels remaining stationary while the supporting surface is lifted}
- B62B 3/08 . involving tiltably-mounted containers
- B62B 3/10 . characterised by supports specially adapted to objects of definite shape
- B62B 3/102 . . {the objects being of elongated shape, e.g. rods or golf clubs}
- B62B 3/104 . . {the object being of cylindrical shape, e.g. barrels, buckets, dustbins}
- B62B 3/106 . . {the objects being bags}
- B62B 3/108 . . {the objects being plates, doors, panels, or the like}
- B62B 3/12 . characterised by three-wheeled construction
- B62B 3/14 . characterised by provisions for nesting or stacking, e.g. shopping trolleys
{(collapsible shopping trolleys [B62B 3/027](#))}
- B62B 3/1404 . . {Means for facilitating stowing or transporting of the trolleys; Antitheft arrangements ([B62B 5/0423](#) takes precedence)}
- B62B 3/1408 . . {Display devices mounted on it, e.g. advertisement displays}
- B62B 3/1412 . . . {mounted on the frame}
- B62B 3/1416 . . . {mounted on the handle}
- B62B 3/142 . . . {mounted on the basket}
- B62B 3/1424 . . . {Electronic display devices}
- B62B 3/1428 . . {Adaptations for calculators, memory aids or reading aids}
- B62B 3/1432 . . . {mounted in the locking device}
- B62B 3/1436 . . {Covers, e.g. for protection in rain}
- B62B 3/144 . . {Adaptations for transporting children; Mounting of toys for the children}
- B62B 3/1444 . . . {Transporting devices mounted on the shopping cart}
- B62B 3/1448 . . . {Linings or cushions}
- B62B 3/1452 . . . {Safety belts}
- B62B 3/1456 . . . {Mounting of toys}
- B62B 3/146 . . {Lockers, hooks e.g. for personal belongings}
- B62B 3/1464 . . {Bags or containers specially adapted to the baskets}
- B62B 3/1468 . . {Additional trays}
- B62B 3/1472 . . {Supports for specific articles ([B62B 3/1468](#) takes precedence)}
- B62B 3/1476 . . {the main load support being a platform}
- B62B 3/148 . . {Adaptations facilitating the transport to the counter}
- B62B 3/1484 . . . {by an auxiliary access to the inside of the basket}
- B62B 3/1488 . . {Indicating or preventing transport of goods under the basket}
- B62B 3/1492 . . {Wheel arrangements}
- B62B 3/1496 . . {Assembling of baskets to the wheeled support}
- B62B 3/16 . . vertically stackable
- B62B 3/165 . . . {roll baskets}
- B62B 3/18 . . nestable by means of pivoted supports or support parts, e.g. baskets
{([B62B 3/1476](#) takes precedence)}
- B62B 3/182 . . . {Swinging baskets}
- B62B 3/184 . . . {Nestable roll containers}

B62B 3/186 {V-shaped when nested}

B62B 3/188 {Z-shaped when nested}

B62B 5/00

Accessories or details specially adapted for hand carts ({B62B 3/1404} , B62B 9/00 take precedence; wheels, axles, or axle bearing for vehicles B60B; castors for vehicles, castors in general B60B 33/00)

B62B 5/0003 . {Adaptations for loading in or on a vehicle}

B62B 5/0006 . {Bumpers; Safety devices}

B62B 5/0009 . . {Stops for moving parts, e.g. rubber elements to eliminate stop noise}

B62B 5/0013 . {Protection covers, e.g. against rain}

B62B 5/0016 . {Adaptations for connection to perambulators}

B62B 5/002 . {Adaptations for moving the carts by wheel chair users or other disabled persons}

B62B 5/0023 . {Arrangements for carrying as a back-pack}

B62B 5/0026 . {Propulsion aids}

B62B 5/003 . . {Combustion engines}

B62B 5/0033 . . {Electric motors}

B62B 5/0036 . . . {Arrangements of motors}

B62B 5/004 {in wheels}

B62B 5/0043 {One motor drives one wheel}

B62B 5/0046 {One motor drives two wheels}

B62B 5/005 {Detachably mounted motor units}

B62B 5/0053 . . . {Arrangements of batteries}

B62B 5/0056 . . . {Energy recuperation}

B62B 5/0059 . . {facilitating hand propulsion when motor fails}

B62B 5/0063 . . {guiding, e.g. by a rail}

B62B 5/0066 . . {Transmission of movement}

B62B 5/0069 . . {Control}

B62B 5/0073 . . . {Measuring a force}

B62B 5/0076 . . . {Remotely controlled}

B62B 5/0079 . . {Towing by connecting to another vehicle}

B62B 5/0083 . {Wheeled supports connected to the transported object}

B62B 5/0086 . . {arranged independently on either side of the transported load}

B62B 5/0089 . . {Lifting lever on wheels or rollers}

B62B 5/0093 . . {Flat dollies without hand moving equipment}

B62B 5/0096 . {Identification of the cart or merchandise, e.g. by barcodes or radio frequency identification [RFID]}

B62B 5/02 . providing for travelling up or down a flight of stairs (chairs or multi-track cycles specially adapted for invalids A61G 5/00)

B62B 5/021 . . {specially adapted for escalators}

B62B 5/023 . . {using an upwards pushing device}

B62B 5/025 . . {with gliding elements, e.g. skids}

- B62B 5/026 . . {with spiders or adapted wheels}
- B62B 5/028 . . {with excentrically mounted wheels}
- B62B 5/04 . Braking mechanisms; Locking devices against movement
- B62B 5/0404 . . {automatic}
- B62B 5/0409 . . . {when user rises from seat}
- B62B 5/0414 . . . {dead man's brakes}
- B62B 5/0419 . . . {braking when nested}
- B62B 5/0423 . . . {braking or blocking when leaving a particular area}
- B62B 5/0428 . . . {braking when supported on a transport belt}
- B62B 5/0433 . . {foot operated}
- B62B 5/0438 . . {hand operated}
- B62B 5/0442 . . . {using a handle bar alone}
- B62B 5/0447 . . . {using elements cooperating with a handle bar}
- B62B 5/0452 . . {by hydraulic means}
- B62B 5/0457 . . {by locking in a braking position}
- B62B 5/0461 . . . {with positive engagement}
- B62B 5/0466 . . {by turning the wheels in different directions, e.g. toe-in}
- B62B 2005/0471 . . {Disk brakes}
- B62B 5/0476 . . {Rim brakes}
- B62B 5/048 . . {Hub brakes; drum brakes}
- B62B 5/0485 . . {by braking on the running surface, e.g. the tyre}
- B62B 5/049 . . {locking against movement by contacting the floor or a wall}
- B62B 5/0495 . . . {by contacting a wall}
- B62B 5/06 . Hand moving equipment, e.g. handle bars ([for cycles B62K 11/14, B62K 21/12](#))
- B62B 5/061 . . {both ends or periphery of cart fitted with handles}
- B62B 5/062 . . {elastically mounted, e.g. for wheelbarrows}
- B62B 5/063 . . {for low-lift hand trucks}
- B62B 5/064 . . {adaptable for different users, e.g. by means of pivoting elements}
- B62B 5/065 . . . {by means of telescopic elements}
- B62B 5/066 . . {Handle bars rotatable about their longitudinal axis}
- B62B 5/067 . . {Stowable or retractable handle bars}
- B62B 5/068 . . {Connections to the body for moving the cart, e.g. harnesses}
- B62B 5/069 . . {Removable sleeves on handle bars, e.g. for protection against germs}
- B62B 5/08 . Children's seats ([B62B 3/14 takes precedence](#)); {Seats or supports for other persons}
- B62B 5/082 . . {Children's seats}
- B62B 5/085 . . {Resting seats}
- B62B 5/087 . . {Platforms to stand upon}

Carriages for children; Perambulators ([chairs or multi-track cycles specially adapted for invalids A61G 5/00](#))

B62B 7/00

Carriages for children; Perambulators, e.g. dolls' perambulators

- B62B 7/002 . {having a single central pillar}
- B62B 7/004 . {Carriages supporting a hammock-style seat}
- B62B 7/006 . {Carriages supporting a rigid seat ([when detachable or rotatable B62B 7/145](#))}
- B62B 7/008 . {for two or more children}
- B62B 7/02 . having only a single wheel axis
- B62B 7/04 . having more than one wheel axis; Steering devices therefor
- B62B 7/042 . . {Steering devices}
- B62B 7/044 . . {three wheeled}
- B62B 7/046 . . . {with interchangeable front wheel unit}
- B62B 7/048 . . {Single track type}
- B62B 7/06 . . collapsible or foldable
- B62B 7/062 . . . {Coupling unit between front wheels, rear wheels and handle}
- B62B 7/064 . . . {the handle bar being parallel to the front leg}
- B62B 7/066 {the handle bar moves in parallel relation during folding}
- B62B 7/068 {by sliding a bushing along a rod, e.g. like folding means of an umbrella}
- B62B 7/08 in the direction of, or at right angles to, the wheel axis
- B62B 7/083 {the wheel axes being moved from each other during folding}
- B62B 7/086 {becoming smaller in all three dimensions}
- B62B 7/10 by folding down the body to the wheel carriage or by retracting projecting parts into the box-shaped body
- B62B 7/105 {with the wheels staying in a fixed relation to each other}
- B62B 7/12 . . convertible, e.g. into children's furniture or toy ([children's chairs convertible to pushchairs A47D 1/06](#))
- B62B 7/123 {from seat to bed ([B62B 7/147](#), [B62B 9/104](#) take precedence)}
- B62B 7/126 {into a trailer, e.g. bicycle trailer}
- B62B 7/14 . . with detachable or rotatably-mounted body {(the body usable as a child's seat in a vehicle [B60N 2/2848](#))}
- B62B 7/142 {Means for securing the body to the frame}
- B62B 7/145 {the body being a rigid seat, e.g. a shell}
- B62B 7/147 {rotatable as a whole to transform from seating to lying}

B62B 9/00

Accessories or details specially adapted for children's carriages or perambulators ([providing for travelling on snow B62B 19/00](#))

- B62B 9/005
 - {Safety means for traffic, e.g. lights, reflectors, mirrors etc. (Signaling means for cycles [B62J](#))}
 - WARNING**
 - Not complete, see also [B62B 9/00](#)
- B62B 9/02
 - providing for travelling up or down a flight of stairs
- B62B 9/04
 - . with runners, e.g. sledge runners
- B62B 9/06
 - . with spiders or the like
- B62B 9/08
 - Braking mechanisms; Locking devices against movement
- B62B 9/082
 - . {foot operated}
- B62B 9/085
 - . {hand operated}
- B62B 9/087
 - . {by locking in a braking position}
- B62B 9/10
 - Perambulator bodies; Equipment therefor (collapsible or foldable [B62B 7/06](#); convertible [B62B 7/12](#))
- B62B 9/102
 - . {characterized by details of the seat}
- B62B 9/104
 - . . {with adjustable or reclining backrests}
- B62B 9/106
 - . . {with head guards}
- B62B 9/108
 - . . {Linings or cushions}
- B62B 9/12
 - . involving parts that are adjustable, attachable or detachable ({[B62B 9/102](#), [B62B 9/14](#) take precedence})
- B62B 9/14
 - . {Equipment protecting from environmental influences, e.g.} Hoods; Weather screens; Cat nets
- B62B 9/142
 - . . {by flexible canopies, covers or nets}
- B62B 9/145
 - . . . {of the roll-up type}
- B62B 9/147
 - . . {Attachments or holders for umbrellas, parasols or sunshade panels (details of umbrellas [A45B 25/00](#))}
- B62B 9/16
 - Mud-guards or protecting devices for wheels
- B62B 9/18
 - Resilient suspensions of bodies
- B62B 9/185
 - . {by springs between seat and frame}
- B62B 9/20
 - Handle bars; Handles
- B62B 9/203
 - . {movable from front end to rear end position}
- B62B 9/206
 - . {with two separate bars, i.e. not interconnected}
- B62B 9/22
 - Devices for rocking or oscillating
- B62B 9/24
 - Safety guards for children, e.g. harness (cat nets [B62B 9/14](#); devices for use in guiding or supporting children, e.g. safety harness [A47D 13/08](#))
- B62B 9/245
 - . {Removable front guards, e.g. with a tray}
- B62B 9/26
 - Securing devices for bags or toys; {Arrangements of racks, bins, trays or other devices for transporting articles}
- B62B 9/28
 - Auxiliary dismountable seats; {Additional platforms for children in standing-up position}
- B62B 11/00**
 - Hand-propelled vehicles not otherwise provided for (rider propulsion of vehicles [B62M 1/00](#))**

Sledges (characterised by animal propulsion [B62C](#); propulsion of sledges by driver or engine [B62M](#))

B62B 13/00

Sledges with runners (ice boats or sailing sledges [B62B 15/00](#))

B62B 13/005

- {comprising articulated sledge segments}

B62B 13/02

- characterised by arrangement of runners

B62B 13/04

- . . arranged in a single line

B62B 13/043

- . . . {having one single runner (Monoski [A63C 5/03](#))}

WARNING

Not complete, see [B62B 13/04](#)

B62B 13/046

- . . . {with steering devices}

B62B 13/06

- . . arranged in two or more parallel lines

B62B 13/08

- . . . with steering devices

B62B 13/10

- with swivelling portions of the runners; with a swivelling middle runner

B62B 13/12

- with tilting or bending runners

B62B 13/125

- {the runners being bent in the shape of the curve to follow}

B62B 13/14

- combined with braking devices

B62B 13/16

- Collapsible or foldable sledges

B62B 13/18

- Vehicles having alternatively-usable runners and wheels {or other transport means}

B62B 15/00

Other sledges; Ice boats or sailing sledges

B62B 15/001

- {propelled by sails}

B62B 15/002

- . . {having skis or runners}

B62B 15/003

- . . {having floats}

B62B 15/004

- . . {having wheels}

B62B 15/005

- . . . {the arrangement is similar to a bicycle}

B62B 15/006

- {Inflatable sledges}

B62B 15/007

- {Towed sledges}

B62B 15/008

- {Wheeled sledges ([B62B 13/18](#) and [B62B 15/001](#) take precedence)}

B62B 15/009

- . . {Wheels attachable to the runners}

B62B 17/00

Accessories or details of sledges {(propulsion devices for sledges [B62M 27/00](#), [B62M 29/00](#))}

B62B 17/005

- {Safety devices}

B62B 17/02

- Runners (attachable to or replacing vehicle wheels [B62B 19/00](#))

B62B 17/04

- . . resiliently suspended

B62B 17/06

- Superstructures; Attachments therefor

B62B 17/061

- . . {Handles}

B62B 17/062

- . . {Resilient suspensions of bodies ([B62B 17/04](#) takes precedence)}

B62B 17/063

- . . {Seats or other supports specially adapted for the user}

- B62B 17/065 . . . {the user being standing up}
- B62B 17/066 . . . {the user being hanging in a harness}
- B62B 17/067 . . . {the user being sitting on his knees}
- B62B 17/068 . . . {the user being laying on his belly}
- B62B 17/08 . Braking devices

B62B 19/00 Runners for carrying wheeled vehicles to facilitate travel on ice or snow

- B62B 19/02 . attachable to wheels
- B62B 19/04 . replacing wheels

B62B 2202/00 Indexing codes relating to type or characteristics of transported articles

- B62B 2202/02 . Cylindrically-shaped articles, e.g. drums, barrels, flasks
- B62B 2202/021 . . Bottles
- B62B 2202/022 . . Gas bottles
- B62B 2202/023 . . Beverage holders, e.g. for a cup, tin or bottle
- B62B 2202/025 . . Reels, e.g. for filamentary or sheet material
- B62B 2202/026 . . Milkchurns
- B62B 2202/028 . . Buckets
- B62B 2202/03 . . Bales of hay or grass
- B62B 2202/031 . . Wheels, tires
- B62B 2202/10 . Heavy objects, e.g. ISO-containers
- B62B 2202/12 . Boxes, Crates
- B62B 2202/20 . Dustbins, refuse containers
- B62B 2202/22 . Flexible bags, e.g. for rubbish
- B62B 2202/24 . Suit-cases, other luggage
- B62B 2202/26 . Handbags, e.g. shopping bags
- B62B 2202/30 . Furniture
- B62B 2202/32 . . Chairs
- B62B 2202/34 . . Music instruments, e.g. pianos
- B62B 2202/35 . . Music stands
- B62B 2202/40 . Sport articles
- B62B 2202/401 . . Skis
- B62B 2202/402 . . for fishing
- B62B 2202/403 . . Boats or other water vehicles
- B62B 2202/404 . . Golf articles, e.g. golfbags
- B62B 2202/406 . . . Golf clubs
- B62B 2202/407 . . . Holders for balls, tees
- B62B 2202/408 . . Outboard motors
- B62B 2202/41 . Projectiles, bombs, amunition
- B62B 2202/42 . Persons or animals, dead or alive
- B62B 2202/48 . Tools

B62B 2202/50	. Cleaning or gardening articles
B62B 2202/52	. Beach or picnic trolleys
B62B 2202/56	. Computers; Screens
B62B 2202/60	. Motors
B62B 2202/61	. Batteries
B62B 2202/62	. Tiles, bricks, paving slabs or the like
B62B 2202/64	. Documents, files or paper sheets
B62B 2202/65	. Clothes
B62B 2202/66	. Laundry
B62B 2202/67	. Service trolleys, e.g. in aircraft
B62B 2202/68	. Coffins
B62B 2202/70	. Flowers; Pots; Plants
B62B 2202/80	. Household appliances, e.g. bath tubs, toilets or radiators
B62B 2202/90	. Vehicles
B62B 2202/92	. . Forklift trucks

Sledges (characterised by animal propulsion [B62C](#); propulsion of sledges by driver or engine [B62M](#))

B62B 2203/00	Grasping, holding, supporting the objects
B62B 2203/02	. suspended
B62B 2203/04	. . pivotally, e.g. for keeping it horizontally
B62B 2203/05	. Rocking means for facilitating tilting of the cart, e.g. by loading
B62B 2203/07	. Comprising a moving platform or the like, e.g. for unloading
B62B 2203/071	. . turning around a vertical pivot axis
B62B 2203/073	. . sliding in a horizontal plane
B62B 2203/10	. comprising lifting means
B62B 2203/11	. . comprising a crane
B62B 2203/13	. . comprising a self levelling surface
B62B 2203/20	. using forks or tines
B62B 2203/21	. . the objects being supported between the tines
B62B 2203/22	. . the fork comprising more than two tines
B62B 2203/24	. . Changing the position of the fork or supports
B62B 2203/26	. . the fork being independent from the supporting arms in which the wheels are incorporated
B62B 2203/28	. . Guiding the forks into the pallets
B62B 2203/29	. . Stops on the tines to arrest the pallets or other objects
B62B 2203/30	. using magnets or suction cups
B62B 2203/40	. Supporting bins or barrels by their handgrips or other protrusions
B62B 2203/42	. Grips for grasping the upper rim of the barrels
B62B 2203/44	. Clamping or supporting circumferentially

- B62B 2203/50 . comprising weighing means
- B62B 2203/60 . Positioning, means on a cart for loads
- B62B 2203/70 . Comprising means for facilitating loading or unloading
- B62B 2203/72 . . means for pushing or pulling the load from/onto the platform
- B62B 2203/74 . . rolling means, e.g. rollers

B62B 2204/00**Ventilation; Heating; Cooling; Insulation**

- B62B 2204/02 . comprising a heating unit
- B62B 2204/04 . comprising a cooling unit
- B62B 2204/06 . comprising insulating materials

B62B 2205/00**Hand-propelled vehicles or sledges being foldable or dismountable when not in use**

- B62B 2205/003 . with actuation mechanisms which drive the folding or unfolding operation
- B62B 2205/006 . dismountable
- B62B 2205/02 . foldable widthwise
- B62B 2205/04 . box-shaped in folded position
- B62B 2205/06 . Foldable with a scissor-like mechanism
- B62B 2205/10 . Detachable wheels
- B62B 2205/102 . . stowed on top of each other
- B62B 2205/104 . . Detachable wheel units, e.g. together with the wheel shaft
- B62B 2205/12 . Collapsible wheels
- B62B 2205/121 . . stowed on top of each other
- B62B 2205/123 . . comprising a foldable interconnecting shaft
- B62B 2205/14 . Retractable wheels
- B62B 2205/145 . . retractable in the direction of the shaft, e.g. with telescopic shafts
- B62B 2205/18 . Geared articulations
- B62B 2205/20 . Catches; Locking or releasing an articulation
- B62B 2205/22 . . remotely controlled, e.g. from the handlebar
- B62B 2205/23 . . foot operated
- B62B 2205/24 . . to hold in the folded position
- B62B 2205/26 . Arrangements for standing up in folded position
- B62B 2205/30 . Detachable, retractable or collapsible load supporting means
- B62B 2205/32 . . Shelves
- B62B 2205/33 . . . stowed in a vertical position

B62B 2206/00**Adjustable or convertible hand-propelled vehicles or sledges**

- B62B 2206/003 . with actuation mechanisms which drive the adjustment or conversion operation
- B62B 2206/006 . Convertible hand-propelled vehicles or sledges
- B62B 2206/02 . adjustable in length or width
- B62B 2206/04 . . only the load support being adjustable

B62B 2206/06 . adjustable in height

B62B 2207/00 Joining hand-propelled vehicles or sledges together

B62B 2207/02 . rigidly

B62B 2207/04 . Forklift trucks with wheeled pallets

B62B 2301/00 Wheel arrangements; Steering; Stability; Wheel suspension

B62B 2301/02 . comprising wheels for longitudinal travelling and wheels for lateral travelling

B62B 2301/04 . comprising a wheel pivotable about a substantially vertical axis, e.g. swivelling castors

B62B 2301/044 . . arranged remote from the longitudinal centreline of the hand propelled vehicle

B62B 2301/046 . . with means restricting the rotation about that axis

B62B 2301/0463 . . . by blocking the rotation at a position

B62B 2301/04632 at two or more positions

B62B 2301/0465 . . . by urging the wheel into a position, e.g. into a straight forward position

B62B 2301/0467 . . . combined with means for braking the wheel

B62B 2301/05 . Details of the attachment of the wheel assembly to the chassis

B62B 2301/06 . Steering all wheels together simultaneously

B62B 2301/08 . comprising additional wheels to increase stability

B62B 2301/10 . Adjusting the position of the wheel axles to increase stability

B62B 2301/12 . comprising counterbalancing means to increase stability

B62B 2301/14 . the wheel arrangement pivoting around a horizontal-longitudinal axis

B62B 2301/20 . Resilient wheel suspension using springs

B62B 2301/22 . . using leafsprings

B62B 2301/23 . . the pressure of the wheel on the ground being controlled, e.g. by the load or the wheel slip

B62B 2301/25 . characterised by the ground engaging elements, e.g. wheel type

B62B 2301/252 . . by using ball-shaped wheels

B62B 2301/254 . . by using roller-shaped wheels

B62B 2301/256 . . by using endless belts

B62B 2301/258 . . by using screw-type propulsion

B62B 2301/33 . Wheels provided with protrusions, e.g. anti-slip protrusions

B62B 2301/34 . Protection against mud, e.g. by retracting or enclosing the wheels

B62B 2501/00 Manufacturing; Constructional features

B62B 2501/02 . Dimensions

B62B 2501/04 . Production features

B62B 2501/06 . Materials used

B62B 2501/062 . . Cardboard or paper

B62B 2501/065 . . Plastics

B62B 2501/067 . . Wires