

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

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

Rollers are taken as being equivalent to wheels

WARNING

The following IPC groups are not used in the internal CPC classification scheme. Subject matter covered by these groups is classified in the following CPC groups :

[B62B 3/065](#) covered by [B62B 3/06B4](#)

Guidance heading: 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 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 }

Guidance heading: **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](#))

Guidance heading: **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

Guidance heading:

B62B 2005/00 **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 2005/04 . Braking mechanisms ; Locking devices against movement

B62B 2005/0471 . . Disk brakes

Guidance heading:

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

Guidance heading: **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