

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

WARNING

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

[B62B 3/065](#) covered by

Hand carts

1/00	Hand carts having only one axis carrying one or more transport wheels; Equipment therefor	1/208	. . . {foldable}
1/002	. {convertible from a one-axled vehicle to a two-axled vehicle}	1/22	. . involving means for grappling or securing in place objects to be carried; Loading or unloading equipment
1/004	. {being longitudinally nestable with each other}	1/24	. . involving tiltably-mounted containers
1/006	. {being vertically stackable with each other}	1/26	. characterised by supports specially adapted to objects of definite shape
1/008	. {having a prop or stand for maintaining position}	1/262	. . {the objects being of elongated shape, e.g. fishing rods, golf clubs}
1/02	. in which the wheel axis is disposed between the load and the handles	1/264	. . {the objects being of cylindrical shape, e.g. barrels, buckets, dustbins}
1/04	. . involving parts being adjustable, collapsible, attachable, detachable, or convertible	1/266	. . {the objects being bags}
1/042	. . . {foldable}	1/268	. . {the objects being plates, doors, panels or the like}
1/045 {foldable in one action}		
1/047 {by telescopic movement of the handle}	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)}
1/06	. . involving means for grappling or securing in place objects to be carried; Loading or unloading equipment	3/001	. {Steering devices}
1/08	. . having auxiliary wheels used during loading or unloading	3/002	. {characterised by a rectangular shape, involving sidewalls or racks}
1/10	. in which the load is intended to be transferred totally to the wheels	3/003	. . {Non-transparent side walls}
1/12	. . involving parts being adjustable, collapsible, attachable, detachable, or convertible	3/004	. . {Details of doors or cover lids}
1/125	. . . {by means of telescoping elements}	3/005	. . {Details of storage means, e.g. drawers, bins or racks}
1/14	. . involving means for grappling or securing in place objects to be carried; Loading or unloading equipment	3/006	. {for stacking objects like trays, bobbins, chains}
1/142	. . . {with object clamping means being movable substantially parallel to the ground surface}	3/007	. {Coaster wagons}
1/145	. . . {Unloading equipment for pushing the load from the carrier platform}	3/008	. {having more than two axes}
1/147	. . . {the load support being in the form of a scoop}	3/009	. {of the single-track type}
1/16	. . involving tiltably-mounted containers	3/02	. involving parts being adjustable, collapsible, attachable, detachable or convertible
1/18	. in which the load is disposed between the wheel axis and the handles, e.g. wheelbarrows	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)}
1/183	. . {with spring-mounted wheels}	3/025	. . {Foldable roll containers}
1/186	. . {comprising an additional wheel, e.g. mounted on the struts}	3/027	. . {collapsible shopping trolleys}
1/20	. . involving parts being collapsible, attachable, detachable or convertible	3/04	. involving means for grappling or securing in place objects to be carried; Loading or unloading equipment
1/202	. . . {Detachable buckets}	3/06	. . for simply clearing the load from the ground (masted lift trucks B66F)
1/204	. . . {Detachable elements on the buckets, e.g. for increasing volume}	3/0606	. . . {manually operated}
1/206	. . . {and capable of being completely disassembled}	3/0612	. . . {power operated}
		3/0618	. . . {using fluid lifting mechanisms}

- 3/0625 . . . {using rigid mechanical lifting mechanisms, e.g. levers, cams or gears}
- 3/0631 {with a parallelogram linkage}
- 3/0637 . . . {using flexible mechanical lifting mechanisms, e.g. ropes or chains}
- 3/0643 . . . {the wheels remaining stationary while the supporting surface is lifted}
- 3/08 . involving tiltably-mounted containers
- 3/10 . characterised by supports specially adapted to objects of definite shape
- 3/102 . . {the objects being of elongated shape, e.g. rods or golf clubs}
- 3/104 . . {the object being of cylindrical shape, e.g. barrels, buckets, dustbins}
- 3/106 . . {the objects being bags}
- 3/108 . . {the objects being plates, doors, panels, or the like}
- 3/12 . characterised by three-wheeled construction
- 3/14 . characterised by provisions for nesting or stacking, e.g. shopping trolleys [{\(collapsible shopping trolleys B62B 3/027\)}](#)
- 3/1404 . . {Means for facilitating stowing or transporting of the trolleys; Antitheft arrangements [\(B62B 5/0423 takes precedence\)](#)}
- 3/1408 . . {Display devices mounted on it, e.g. advertisement displays}
- 3/1412 . . . {mounted on the frame}
- 3/1416 . . . {mounted on the handle}
- 3/142 . . . {mounted on the basket}
- 3/1424 . . . {Electronic display devices}
- 3/1428 . . {Adaptations for calculators, memory aids or reading aids}
- 3/1432 . . . {mounted in the locking device}
- 3/1436 . . {Covers, e.g. for protection in rain}
- 3/144 . . {Adaptations for transporting children; Mounting of toys for the children}
- 3/1444 . . . {Transporting devices mounted on the shopping cart}
- 3/1448 . . . {Linings or cushions}
- 3/1452 . . . {Safety belts}
- 3/1456 . . . {Mounting of toys}
- 3/146 . . {Lockers, hooks, e.g. for personal belongings}
- 3/1464 . . {Bags or containers specially adapted to the baskets}
- 3/1468 . . {Additional trays}
- 3/1472 . . {Supports for specific articles [\(B62B 3/1468 takes precedence\)](#)}
- 3/1476 . . {the main load support being a platform}
- 3/148 . . {Adaptations facilitating the transport to the counter}
- 3/1484 . . . {by an auxiliary access to the inside of the basket}
- 3/1488 . . {Indicating or preventing transport of goods under the basket}
- 3/1492 . . {Wheel arrangements}
- 3/1496 . . {Assembling of baskets to the wheeled support}
- 3/16 . . vertically stackable
- 3/165 . . . {roll baskets}
- 3/18 . . nestable by means of pivoted supports or support parts, e.g. baskets [{\(B62B 3/1476 takes precedence\)}](#)
- 3/182 . . . {Swinging baskets}
- 3/184 . . . {Nestable roll containers}
- 3/186 {V-shaped when nested}
- 3/188 {Z-shaped when nested}
- 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](#)**
- 5/0003 . {Adaptations for loading in or on a vehicle}
- 5/0006 . {Bumpers; Safety devices}
- 5/0009 . . {Stops for moving parts, e.g. rubber elements to eliminate stop noise}
- 5/0013 . {Protection covers, e.g. against rain}
- 5/0016 . {Adaptations for connection to perambulators}
- 5/002 . {Adaptations for moving the carts by wheel chair users or other disabled persons}
- 5/0023 . {Arrangements for carrying as a back-pack}
- 5/0026 . {Propulsion aids}
- 5/003 . . {Combustion engines}
- 5/0033 . . {Electric motors}
- 5/0036 . . . {Arrangements of motors}
- 5/004 {in wheels}
- 5/0043 {One motor drives one wheel}
- 5/0046 {One motor drives two wheels}
- 5/005 {Detachably mounted motor units}
- 5/0053 . . . {Arrangements of batteries}
- 5/0056 . . . {Energy recuperation}
- 5/0059 . . {facilitating hand propulsion when motor fails}
- 5/0063 . . {guiding, e.g. by a rail}
- 5/0066 . . {Transmission of movement}
- 5/0069 . . {Control}
- 5/0073 . . . {Measuring a force}
- 5/0076 . . . {Remotely controlled}
- 5/0079 . . {Towing by connecting to another vehicle}
- 5/0083 . {Wheeled supports connected to the transported object}
- 5/0086 . . {arranged independently on either side of the transported load}
- 5/0089 . . {Lifting lever on wheels or rollers}
- 5/0093 . . {Flat dollies without hand moving equipment}
- 5/0096 . {Identification of the cart or merchandise, e.g. by barcodes or radio frequency identification [RFID]}
- 5/02 . providing for travelling up or down a flight of stairs [\(chairs or multi-track cycles specially adapted for invalids A61G 5/00\)](#)
- 5/021 . . {specially adapted for escalators}
- 5/023 . . {using an upwards pushing device}
- 5/025 . . {with gliding elements, e.g. skids}
- 5/026 . . {with spiders or adapted wheels}
- 5/028 . . {with excentrically mounted wheels}
- 5/04 . Braking mechanisms; Locking devices against movement
- 5/0404 . . {automatic}
- 5/0409 . . . {when user rises from seat}
- 5/0414 . . . {dead man's brakes}
- 5/0419 . . . {braking when nested}
- 5/0423 . . . {braking or blocking when leaving a particular area}
- 5/0428 . . . {braking when supported on a transport belt}
- 5/0433 . . {foot operated}
- 5/0438 . . {hand operated}
- 5/0442 . . . {using a handle bar alone}
- 5/0447 . . . {using elements cooperating with a handle bar}
- 5/0452 . . {by hydraulic means}

5/0457	. . {by locking in a braking position}	7/10	. . . by folding down the body to the wheel carriage or by retracting projecting parts into the box-shaped body
5/0461	. . . {with positive engagement}	7/105 {with the wheels staying in a fixed relation to each other}
5/0466	. . {by turning the wheels in different directions, e.g. toe-in}	7/12	. . convertible, e.g. into children's furniture or toy (children's chairs convertible to pushchairs A47D 1/06)
2005/0471	. . {Disk brakes}	7/123	. . . {from seat to bed (B62B 7/147 , B62B 9/104 take precedence)}
5/0476	. . {Rim brakes}	7/126	. . . {into a trailer, e.g. bicycle trailer}
5/048	. . {Hub brakes; drum brakes}	7/14	. . with detachable or rotatably-mounted body {(the body usable as a child's seat in a vehicle B60N 2/2848)}
5/0485	. . {by braking on the running surface, e.g. the tyre}	7/142	. . . {Means for securing the body to the frame}
5/049	. . {locking against movement by contacting the floor or a wall}	7/145	. . . {the body being a rigid seat, e.g. a shell}
5/0495	. . . {by contacting a wall}	7/147	. . . {rotatable as a whole to transform from seating to lying}
5/06	. Hand moving equipment, e.g. handle bars (for cycles B62K 11/14 , B62K 21/12)	9/00	Accessories or details specially adapted for children's carriages or perambulators (providing for travelling on snow B62B 19/00)
5/061	. . {both ends or periphery of cart fitted with handles}	9/005	. {Safety means for traffic, e.g. lights, reflectors, mirrors etc. (Signaling means for cycles B62J)}
5/062	. . {elastically mounted, e.g. for wheelbarrows}	9/02	. providing for travelling up or down a flight of stairs
5/063	. . {for low-lift hand trucks}	9/04	. . with runners, e.g. sledge runners
5/064	. . {adaptable for different users, e.g. by means of pivoting elements}	9/06	. . with spiders or the like
5/065	. . . {by means of telescopic elements}	9/08	. Braking mechanisms; Locking devices against movement
5/066	. . {Handle bars rotatable about their longitudinal axis}	9/082	. . {foot operated}
5/067	. . {Stowable or retractable handle bars}	9/085	. . {hand operated}
5/068	. . {Connections to the body for moving the cart, e.g. harnesses}	9/087	. . {by locking in a braking position}
5/069	. . {Removable sleeves on handle bars, e.g. for protection against germs}	9/10	. Perambulator bodies; Equipment therefor (collapsible or foldable B62B 7/06 ; convertible B62B 7/12)
5/08	. Children's seats (B62B 3/14 takes precedence); {Seats or supports for other persons}	9/102	. . {characterized by details of the seat}
5/082	. . {Children's seats}	9/104	. . . {with adjustable or reclining backrests}
5/085	. . {Resting seats}	9/106	. . . {with head guards}
5/087	. . {Platforms to stand upon}	9/108	. . . {Linings or cushions}
		9/12	. . involving parts that are adjustable, attachable or detachable {(B62B 9/102 , B62B 9/14 take precedence)}
Carriages for children; Perambulators (chairs or multi-track cycles specially adapted for invalids A61G 5/00)		9/14	. . {Equipment protecting from environmental influences, e.g.} Hoods; Weather screens; Cat nets
7/00 Carriages for children; Perambulators, e.g. dolls' perambulators		9/142	. . . {by flexible canopies, covers or nets}
7/002	. {having a single central pillar}	9/145 {of the roll-up type}
7/004	. {Carriages supporting a hammock-style seat}	9/147	. . . {Attachments or holders for umbrellas, parasols or sunshade panels (details of umbrellas A45B 25/00)}
7/006	. {Carriages supporting a rigid seat (when detachable or rotatable B62B 7/145)}	9/16	. Mud-guards or protecting devices for wheels
7/008	. {for two or more children}	9/18	. Resilient suspensions of bodies
7/02	. having only a single wheel axis	9/185	. . {by springs between seat and frame}
7/04	. having more than one wheel axis; Steering devices therefor	9/20	. Handle bars; Handles
7/042	. . {Steering devices}	9/203	. . {movable from front end to rear end position}
7/044	. . {three wheeled}	9/206	. . {with two separate bars, i.e. not interconnected}
7/046	. . . {with interchangeable front wheel unit}	9/22	. Devices for rocking or oscillating
7/048	. . {Single track type}	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)
7/06	. . collapsible or foldable	9/245	. . {Removable front guards, e.g. with a tray}
7/062	. . . {Coupling unit between front wheels, rear wheels and handle}	9/26	. Securing devices for bags or toys; {Arrangements of racks, bins, trays or other devices for transporting articles}
7/064	. . . {the handle bar being parallel to the front leg}		
7/066 {the handle bar moves in parallel relation during folding}		
7/068	. . . {by sliding a bushing along a rod, e.g. like folding means of an umbrella}		
7/08	. . . in the direction of, or at right angles to, the wheel axis		
7/083 {the wheel axes being moved from each other during folding}		
7/086 {becoming smaller in all three dimensions}		

- 9/28 . Auxiliary dismountable seats; {Additional platforms for children in standing-up position}

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](#))

13/00 Sledges with runners (ice boats or sailing sledges [B62B 15/00](#))

- 13/005 . {comprising articulated sledge segments}
 13/02 . characterised by arrangement of runners
 13/04 . . arranged in a single line
 13/043 . . . {having one single runner ([Monoski A63C 5/03](#))}
 13/046 . . . {with steering devices}
 13/06 . . arranged in two or more parallel lines
 13/08 . . . with steering devices
 13/10 with swivelling portions of the runners; with a swivelling middle runner
 13/12 with tilting or bending runners
 13/125 {the runners being bent in the shape of the curve to follow}
 13/14 combined with braking devices
 13/16 . Collapsible or foldable sledges
 13/18 . Vehicles having alternatively-usable runners and wheels {or other transport means}

15/00 Other sledges; Ice boats or sailing sledges

- 15/001 . {propelled by sails}
 15/002 . . {having skis or runners}
 15/003 . . {having floats}
 15/004 . . {having wheels}
 15/005 . . . {the arrangement is similar to a bicycle}
 15/006 . {Inflatable sledges}
 15/007 . {Towed sledges}
 15/008 . {Wheeled sledges ([B62B 13/18](#) and [B62B 15/001](#) take precedence)}
 15/009 . . {Wheels attachable to the runners}

17/00 Accessories or details of sledges {(propulsion devices for sledges [B62M 27/00](#), [B62M 29/00](#))}

- 17/005 . {Safety devices}
 17/02 . Runners (attachable to or replacing vehicle wheels [B62B 19/00](#))
 17/04 . . resiliently suspended
 17/06 . Superstructures; Attachments therefor
 17/061 . . {Handles}
 17/062 . . {Resilient suspensions of bodies ([B62B 17/04](#) takes precedence)}
 17/063 . . {Seats or other supports specially adapted for the user}
 17/065 . . . {the user being standing up}
 17/066 . . . {the user being hanging in a harness}
 17/067 . . . {the user being sitting on his knees}
 17/068 . . . {the user being laying on his belly}
 17/08 . Braking devices

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

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

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

- 2202/02 . Cylindrically-shaped articles, e.g. drums, barrels, flasks
 2202/021 . . Bottles
 2202/022 . . Gas bottles
 2202/023 . . Beverage holders, e.g. for a cup, tin or bottle
 2202/025 . . Reels, e.g. for filamentary or sheet material
 2202/026 . . Milkchurns
 2202/028 . . Buckets
 2202/03 . . Bales of hay or grass
 2202/031 . . Wheels, tires
 2202/10 . Heavy objects, e.g. ISO-containers
 2202/12 . Boxes, Crates
 2202/20 . Dustbins, refuse containers
 2202/22 . Flexible bags, e.g. for rubbish
 2202/24 . Suit-cases, other luggage
 2202/26 . Handbags, e.g. shopping bags
 2202/30 . Furniture
 2202/32 . . Chairs
 2202/34 . . Music instruments, e.g. pianos
 2202/35 . . Music stands
 2202/40 . Sport articles
 2202/401 . . Skis
 2202/402 . . for fishing
 2202/403 . . Boats or other water vehicles
 2202/404 . . Golf articles, e.g. golfbags
 2202/406 . . . Golf clubs
 2202/407 . . . Holders for balls, tees
 2202/408 . . Outboard motors
 2202/41 . Projectiles, bombs, amunition
 2202/42 . Persons or animals, dead or alive
 2202/48 . Tools
 2202/50 . Cleaning or gardening articles
 2202/52 . Beach or picnic trolleys
 2202/56 . Computers; Screens
 2202/60 . Motors
 2202/61 . Batteries
 2202/62 . Tiles, bricks, paving slabs or the like
 2202/64 . Documents, files or paper sheets
 2202/65 . Clothes
 2202/66 . Laundry
 2202/67 . Service trolleys, e.g. in aircraft
 2202/68 . Coffins
 2202/70 . Flowers; Pots; Plants
 2202/80 . Household appliances, e.g. bath tubs, toilets or radiators
 2202/90 . Vehicles
 2202/92 . . Forklift trucks

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

2203/00 Grasping, holding, supporting the objects

- 2203/02 . suspended
 2203/04 . . pivotally, e.g. for keeping it horizontally
 2203/05 . Rocking means for facilitating tilting of the cart, e.g. by loading
 2203/07 . Comprising a moving platform or the like, e.g. for unloading
 2203/071 . . turning around a vertical pivot axis

- 2203/073 . . sliding in a horizontal plane
- 2203/10 . comprising lifting means
- 2203/11 . . comprising a crane
- 2203/13 . . comprising a self levelling surface
- 2203/20 . using forks or tines
- 2203/21 . . the objects being supported between the tines
- 2203/22 . . the fork comprising more than two tines
- 2203/24 . . Changing the position of the fork or supports
- 2203/26 . . the fork being independent from the supporting arms in which the wheels are incorporated
- 2203/28 . . Guiding the forks into the pallets
- 2203/29 . . Stops on the tines to arrest the pallets or other objects
- 2203/30 . using magnets or suction cups
- 2203/40 . Supporting bins or barrels by their handgrips or other protrusions
- 2203/42 . Grips for grasping the upper rim of the barrels
- 2203/44 . Clamping or supporting circumferentially
- 2203/50 . comprising weighing means
- 2203/60 . Positioning, means on a cart for loads
- 2203/70 . Comprising means for facilitating loading or unloading
- 2203/72 . . means for pushing or pulling the load from/onto the platform
- 2203/74 . . rolling means, e.g. rollers
- 2204/00 Ventilation; Heating; Cooling; Insulation**
- 2204/02 . comprising a heating unit
- 2204/04 . comprising a cooling unit
- 2204/06 . comprising insulating materials
- 2205/00 Hand-propelled vehicles or sledges being foldable or dismountable when not in use**
- 2205/003 . with actuation mechanisms which drive the folding or unfolding operation
- 2205/006 . dismountable
- 2205/02 . foldable widthwise
- 2205/04 . box-shaped in folded position
- 2205/06 . Foldable with a scissor-like mechanism
- 2205/10 . Detachable wheels
- 2205/102 . . stowed on top of each other
- 2205/104 . . Detachable wheel units, e.g. together with the wheel shaft
- 2205/12 . Collapsible wheels
- 2205/121 . . stowed on top of each other
- 2205/123 . . comprising a foldable interconnecting shaft
- 2205/14 . Retractable wheels
- 2205/145 . . retractable in the direction of the shaft, e.g. with telescopic shafts
- 2205/18 . Geared articulations
- 2205/20 . Catches; Locking or releasing an articulation
- 2205/22 . . remotely controlled, e.g. from the handlebar
- 2205/23 . . foot operated
- 2205/24 . . to hold in the folded position
- 2205/26 . Arrangements for standing up in folded position
- 2205/30 . Detachable, retractable or collapsible load supporting means
- 2205/32 . . Shelves
- 2205/33 . . . stowed in a vertical position
- 2206/00 Adjustable or convertible hand-propelled vehicles or sledges**
- 2206/003 . with actuation mechanisms which drive the adjustment or conversion operation
- 2206/006 . Convertible hand-propelled vehicles or sledges
- 2206/02 . adjustable in length or width
- 2206/04 . . only the load support being adjustable
- 2206/06 . adjustable in height
- 2207/00 Joining hand-propelled vehicles or sledges together**
- 2207/02 . rigidly
- 2207/04 . Forklift trucks with wheeled pallets
- 2301/00 Wheel arrangements; Steering; Stability; Wheel suspension**
- 2301/02 . comprising wheels for longitudinal travelling and wheels for lateral travelling
- 2301/04 . comprising a wheel pivotable about a substantially vertical axis, e.g. swivelling castors
- 2301/044 . . arranged remote from the longitudinal centreline of the hand propelled vehicle
- 2301/046 . . with means restricting the rotation about that axis
- 2301/0463 . . . by blocking the rotation at a position
- 2301/04632 at two or more positions
- 2301/0465 . . . by urging the wheel into a position, e.g. into a straight forward position
- 2301/0467 . . . combined with means for braking the wheel
- 2301/05 . Details of the attachment of the wheel assembly to the chassis
- 2301/06 . Steering all wheels together simultaneously
- 2301/08 . comprising additional wheels to increase stability
- 2301/10 . Adjusting the position of the wheel axles to increase stability
- 2301/12 . comprising counterbalancing means to increase stability
- 2301/14 . the wheel arrangement pivoting around a horizontal-longitudinal axis
- 2301/20 . Resilient wheel suspension using springs
- 2301/22 . . using leafsprings
- 2301/23 . . the pressure of the wheel on the ground being controlled, e.g. by the load or the wheel slip
- 2301/25 . characterised by the ground engaging elements, e.g. wheel type
- 2301/252 . . by using ball-shaped wheels
- 2301/254 . . by using roller-shaped wheels
- 2301/256 . . by using endless belts
- 2301/258 . . by using screw-type propulsion
- 2301/33 . Wheels provided with protrusions, e.g. anti-slip protrusions
- 2301/34 . Protection against mud, e.g. by retracting or enclosing the wheels
- 2501/00 Manufacturing; Constructional features**
- 2501/02 . Dimensions
- 2501/04 . Production features
- 2501/06 . Materials used
- 2501/062 . . Cardboard or paper
- 2501/065 . . Plastics
- 2501/067 . . Wires