

CPC COOPERATIVE PATENT CLASSIFICATION

B PERFORMING OPERATIONS; TRANSPORTING (NOTES omitted)

TRANSPORTING

B62 LAND VEHICLES FOR TRAVELLING OTHERWISE THAN ON RAILS

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

WARNINGS

1. The following IPC groups are not in the CPC scheme. The subject matter for these IPC groups is classified in the following CPC groups:
[B62B 3/065](#) covered by [B62B 3/0618](#)
2. In this subclass non-limiting references (in the sense of paragraph 39 of the Guide to the IPC) may still be displayed in the scheme.

Hand carts

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

- 3/007 . {Coaster wagons}
- 3/008 . {having more than two axes}
- 3/009 . {of the single-track type}
- 3/02 . involving parts being adjustable, collapsible, attachable, detachable or convertible
- 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](#))}
- 3/025 . . {Foldable roll containers}
- 3/027 . . {collapsible shopping trolleys}
- 3/04 . involving means for grappling or securing in place objects to be carried; Loading or unloading equipment
- 3/06 . . for simply clearing the load from the ground ([masted lift trucks B66F](#))
- 3/0606 . . . {manually operated}
- 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 bearings 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}	7/04	. . having more than one wheel axis; Steering devices therefor
5/023	. . {using an upwards pushing device}	7/042	. . {Steering devices}
5/025	. . {with gliding elements, e.g. skids}	7/044	. . {three wheeled}
5/026	. . {with spiders or adapted wheels}	7/046	. . . {with interchangeable front wheel unit}
5/028	. . {with excentrically mounted wheels}	7/048	. . {Single track type}
5/04	. Braking mechanisms; Locking devices against movement	7/06	. . collapsible or foldable
5/0404	. . {automatic}	7/062	. . . {Coupling unit between front wheels, rear wheels and handle}
5/0409	. . . {when user rises from seat}	7/064	. . . {the handle bar being parallel to the front leg}
5/0414	. . . {dead man's brakes}	7/066	. . . . {the handle bar moves in parallel relation during folding}
5/0419	. . . {braking when nested}	7/068	. . . {by sliding a bushing along a rod, e.g. like folding means of an umbrella}
5/0423	. . . {braking or blocking when leaving a particular area}	7/08	. . . in the direction of, or at right angles to, the wheel axis
5/0428	. . . {braking when supported on a transport belt}	7/083	. . . . {the wheel axes being moved from each other during folding}
5/0433	. . {foot operated}	7/086	. . . . {becoming smaller in all three dimensions}
5/0438	. . {hand operated}	7/10	. . . by folding down the body to the wheel carriage or by retracting projecting parts into the box-shaped body
5/0442	. . . {using a handle bar alone}	7/105	. . . . {with the wheels staying in a fixed relation to each other}
5/0447	. . . {using elements cooperating with a handle bar}	7/12	. . convertible, e.g. into children's furniture or toy (children's chairs convertible to pushchairs A47D 1/06)
5/0452	. . {by hydraulic means}	7/123	. . . {from seat to bed (B62B 7/147 , B62B 9/104 take precedence)}
5/0457	. . {by locking in a braking position}	7/126	. . . {into a trailer, e.g. bicycle trailer}
5/0461	. . . {with positive engagement}	7/14	. . with detachable or rotatably-mounted body {(the body usable as a child's seat in a vehicle B60N 2/2848)}
5/0466	. . {by turning the wheels in different directions, e.g. toe-in}	7/142	. . . {Means for securing the body to the frame}
2005/0471	. . {Disk brakes}	7/145	. . . {the body being a rigid seat, e.g. a shell}
5/0476	. . {Rim brakes}	7/147	. . . {rotatable as a whole to transform from seating to lying}
5/048	. . {Hub brakes; drum brakes}	9/00	Accessories or details specially adapted for children's carriages or perambulators (providing for travelling on snow B62B 19/00)
5/0485	. . {by braking on the running surface, e.g. the tyre}	9/005	. {Safety means for traffic, e.g. lights, reflectors, mirrors etc. (signaling means for cycles B62J)}
5/049	. . {locking against movement by contacting the floor or a wall}	9/02	. providing for travelling up or down a flight of stairs
5/0495	. . . {by contacting a wall}	9/04	. . with runners, e.g. sledge runners
5/06	. Hand moving equipment, e.g. handle bars (for cycles B62K 11/14 , B62K 21/12)	9/06	. . with spiders or the like
5/061	. . {both ends or periphery of cart fitted with handles}	9/08	. Braking mechanisms; Locking devices against movement
5/062	. . {elastically mounted, e.g. for wheelbarrows}	9/082	. . {foot operated}
5/063	. . {for low-lift hand trucks}	9/085	. . {hand operated}
5/064	. . {adaptable for different users, e.g. by means of pivoting elements}	9/087	. . {by locking in a braking position}
5/065	. . . {by means of telescopic elements}	9/10	. Perambulator bodies; Equipment therefor (collapsible or foldable B62B 7/06 ; convertible B62B 7/12)
5/066	. . {Handle bars rotatable about their longitudinal axis}	9/102	. . . {characterized by details of the seat}
5/067	. . {Stowable or retractable handle bars}	9/104	. . . . {with adjustable or reclining backrests}
5/068	. . {Connections to the body for moving the cart, e.g. harnesses}	9/106	. . . . {with head guards}
5/069	. . {Removable sleeves on handle bars, e.g. for protection against germs}	9/108	. . . . {Linings or cushions}
5/08	. Children's seats (B62B 3/14 takes precedence) {; Seats or supports for other persons}	9/12	. . involving parts that are adjustable, attachable or detachable {(B62B 9/102 , B62B 9/14 take precedence)}
5/082	. . {Children's seats}	9/14	. . {Equipment protecting from environmental influences, e.g.} Hoods; Weather screens; Cat nets
5/085	. . {Resting seats}		
5/087	. . {Platforms to stand upon}		
<u>Carriages for children; Perambulators</u> (chairs or multi-track cycles specially adapted for invalids A61G 5/00)			
7/00	Carriages for children; Perambulators, e.g. dolls' perambulators		
7/002	. {having a single central pillar}		
7/004	. {Carriages supporting a hammock-style seat}		
7/006	. {Carriages supporting a rigid seat (when detachable or rotatable B62B 7/145)}		
7/008	. {for two or more children}		
7/02	. having only a single wheel axis		

9/142	. . . {by flexible canopies, covers or nets}	17/04	. . resiliently suspended
9/145	. . . . {of the roll-up type}	17/06	. Superstructures; Attachments therefor
9/147	. . . {Attachments or holders for umbrellas, parasols or sunshade panels (details of umbrellas A45B 25/00)}	17/061	. . {Handles}
9/16	. Mud-guards or protecting devices for wheels	17/062	. . {Resilient suspensions of bodies (B62B 17/04 takes precedence)}
9/18	. Resilient suspensions of bodies	17/063	. . {Seats or other supports specially adapted for the user}
9/185	. . {by springs between seat and frame}	17/065	. . . {the user being standing up}
9/20	. Handle bars; Handles	17/066	. . . {the user being hanging in a harness}
9/203	. . {movable from front end to rear end position}	17/067	. . . {the user being sitting on his knees}
9/206	. . {with two separate bars, i.e. not interconnected}	17/068	. . . {the user being laying on his belly}
9/22	. Devices for rocking or oscillating	17/08	. Braking devices
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)	19/00	Runners for carrying wheeled vehicles to facilitate travel on ice or snow
9/245	. . {Removable front guards, e.g. with a tray}	19/02	. attachable to wheels
9/26	. Securing devices for bags or toys {; Arrangements of racks, bins, trays or other devices for transporting articles}	19/04	. replacing wheels
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)	2202/00	Indexing codes relating to type or characteristics of transported articles
13/005	. {comprising articulated sledge segments}	2202/02	. Cylindrically-shaped articles, e.g. drums, barrels, flasks
13/02	. characterised by arrangement of runners	2202/021	. . Bottles
13/04	. . arranged in a single line	2202/022	. . Gas bottles
13/043	. . . {having one single runner (monoski A63C 5/03)}	2202/023	. . Beverage holders, e.g. for a cup, tin or bottle
13/046	. . . {with steering devices}	2202/025	. . Reels, e.g. for filamentary or sheet material
13/06	. . arranged in two or more parallel lines	2202/026	. . Milkchurns
13/08	. . . with steering devices	2202/028	. . Buckets
13/10	. . . . with swivelling portions of the runners; with a swivelling middle runner	2202/03	. . Bales of hay or grass
13/12	. . . . with tilting or bending runners	2202/031	. . Wheels, tires
13/125	. . . . . {the runners being bent in the shape of the curve to follow}	2202/10	. Heavy objects, e.g. ISO-containers
13/14	. . . . combined with braking devices	2202/12	. Boxes, Crates
13/16	. Collapsible or foldable sledges	2202/20	. Dustbins, refuse containers
13/18	. Vehicles having alternatively-usable runners and wheels {or other transport means}	2202/22	. Flexible bags, e.g. for rubbish
15/00	Other sledges; Ice boats or sailing sledges	2202/24	. Suit-cases, other luggage
15/001	. {propelled by sails}	2202/26	. Handbags, e.g. shopping bags
15/002	. . {having skis or runners}	2202/30	. Furniture
15/003	. . {having floats}	2202/32	. . Chairs
15/004	. . {having wheels}	2202/34	. . Music instruments, e.g. pianos
15/005	. . . {the arrangement is similar to a bicycle}	2202/35	. . Music stands
15/006	. {Inflatable sledges}	2202/40	. Sport articles
15/007	. {Towed sledges}	2202/401	. . Skis
15/008	. {Wheeled sledges (B62B 13/18 and B62B 15/001 take precedence)}	2202/402	. . for fishing
15/009	. . {Wheels attachable to the runners}	2202/403	. . Boats or other water vehicles
17/00	Accessories or details of sledges {(propulsion devices for sledges B62M 27/00, B62M 29/00)}	2202/404	. . Golf articles, e.g. golfbags
17/005	. {Safety devices}	2202/406	. . . Golf clubs
17/02	. Runners (attachable to or replacing vehicle wheels B62B 19/00)	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