

CPC COOPERATIVE PATENT CLASSIFICATION

B PERFORMING OPERATIONS; TRANSPORTING (NOTES omitted)

TRANSPORTING

B62 LAND VEHICLES FOR TRAVELLING OTHERWISE THAN ON RAILS

B62J CYCLE SADDLES OR SEATS; AUXILIARY DEVICES OR ACCESSORIES SPECIALLY ADAPTED TO CYCLES AND NOT OTHERWISE PROVIDED FOR, e.g. ARTICLE CARRIERS OR CYCLE PROTECTORS

NOTES

1. In this subclass, the term "cycles" also embraces scooters.
2. {"Cycles" includes single or plural wheeled straddle type vehicles having a handlebar, self-balancing vehicles and kid scooters.}

WARNING

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.

1/00	Saddles or other seats for cycles; Arrangement thereof; Component parts	<u>Signal or lighting devices specially adapted for cycles (for vehicles in general B60Q)</u>
1/002	. {Saddles having a seating area with a central cavity or depression}	3/00 Acoustic signal devices (arrangements indicating unauthorised use of cycles B62H 5/20); Arrangement of such devices on cycles
1/005	. {Saddles having a seating area with multiple separate weight bearing surfaces}	<u>NOTE</u>
1/007	. {Saddles with specific anatomical adaptations}	Group B62J 3/00 is to be understood as restricted to adaptations of signal or lighting devices peculiar to their use on cycles
1/02	. Saddles resiliently mounted on the frame; Equipment therefor, e.g. springs	<u>WARNING</u>
1/04	. . Saddles capable of swinging about a horizontal pivot	Group B62J 3/00 is impacted by reclassification into groups B62J 3/02 , B62J 3/04 , B62J 3/06 , B62J 3/08 , B62J 3/10 , B62J 3/12 , and B62J 3/14 . All groups listed in this Warning should be considered in order to perform a complete search.
1/06	. . Saddles capable of parallel motion up and down	
1/065	. . . {Saddles supported on a parallelogram linkage}	
1/08	. Frames for saddles; Connections between saddle frames and seat pillars; Seat pillars (attaching seat pillars to cycle frames B62K 19/36)	
2001/085	. . {Seat pillars having mechanisms to vary seat height, independently of the cycle frame}	
1/10	. Internal adjustment of saddles	3/02 . Mechanical devices
1/12	. Box-shaped seats; Bench-type seats, e.g. dual or twin seats	<u>WARNING</u>
1/14	. Separate pillions	Groups B62J 3/02 - B62J 3/08 are incomplete pending reclassification of documents from group B62J 3/00 .
1/16	. . for children	All Groups listed in this Warning should be considered in order to perform a complete search.
1/162	. . . {Child seats specially adapted for motorcycles}	
1/165	. . . {Child seats attachable to handlebars}	
1/167	. . . {Child seats attachable in front of the driver saddle}	
1/18	. Covers for saddles or other seats; Paddings	3/04 . . activated by the rider, e.g. bells or horns
1/20	. . Detachable covers; Detachable pads	3/06 . . activated by rotating parts of cycles, e.g. rattles hitting spokes
1/22	. . Covers with built-in paddings	3/08 . . activated by driving wind, e.g. flutes
1/24	. . Paddings involving torsional or bending springs	
1/26	. . Paddings involving other resilient material, e.g. sponge rubber with inflatable compartments	
1/28	. Other additional equipment, e.g. back-rests for children	

- 3/10 . . Electrical devices
WARNING
 Groups [B62J 3/10](#) - [B62J 3/14](#) are incomplete pending reclassification of documents from group [B62J 3/00](#).
 All groups listed in this Warning should be considered in order to perform a complete search.
- 3/12 . . Buzzers; Horns with electrically driven airflow
- 3/14 . . indicating functioning of other devices, e.g. acoustic warnings indicating that lights are switched on
- 6/00 Arrangement of optical signalling or lighting devices on cycles; Mounting or supporting thereof; Circuits therefor**
WARNING
 Group [B62J 6/00](#) is impacted by reclassification into groups [B62J 6/22](#), [B62J 6/24](#), and [B62J 6/26](#).
 All groups listed in this Warning should be considered in order to perform a complete search.
- 6/01 . . Electric circuits
- 6/015 . . using electrical power not supplied by the cycle motor generator, e.g. using batteries or piezo elements
- 6/02 . . Headlights
WARNING
 Group [B62J 6/02](#) is impacted by reclassification into groups [B62J 6/022](#), [B62J 6/023](#), [B62J 6/024](#), [B62J 6/025](#), [B62J 6/026](#), [B62J 6/027](#), [B62J 6/028](#), [B62J 6/029](#), and [B62J 6/03](#).
 All groups listed in this Warning should be considered in order to perform a complete search.
- 6/022 . . specially adapted for motorcycles or the like
WARNING
 Groups [B62J 6/022](#) - [B62J 6/027](#) are incomplete pending reclassification of documents from group [B62J 6/02](#).
 All groups listed in this Warning should be considered in order to perform a complete search.
- 6/023 . . . responsive to the lean angle of the cycle, e.g. changing intensity or switching sub-lights when cornering
- 6/024 . . . Switching between high and low beam
 (arrangement of switches [B62J 6/16](#))
- 6/025 . . . characterised by vertical adjustment of the light beam direction, e.g. to compensate for heavy loads
- 6/026 . . . characterised by the structure, e.g. casings
- 6/027 . . . Supporting means therefor, e.g. mounting brackets
- 6/028 . . specially adapted for rider-propelled cycles with or without additional source of power
WARNING
 Groups [B62J 6/028](#) - [B62J 6/03](#) are incomplete pending reclassification of documents from group [B62J 6/02](#).
 All groups listed in this Warning should be considered in order to perform a complete search.
- 6/029 . . . characterised by the structure, e.g. casings
- 6/03 . . . Supporting means therefor, e.g. mounting brackets
- 6/04 . . Rear lights
WARNING
 Group [B62J 6/04](#) is impacted by reclassification into group [B62J 6/045](#).
 Groups [B62J 6/04](#) and [B62J 6/045](#) should be considered in order to perform a complete search.
- 6/045 . . indicating braking
WARNING
 Group [B62J 6/045](#) is incomplete pending reclassification of documents from group [B62J 6/04](#).
 Groups [B62J 6/04](#) and [B62J 6/045](#) should be considered in order to perform a complete search.
- 6/05 . . Direction indicators
WARNING
 Group [B62J 6/05](#) is impacted by reclassification into groups [B62J 6/052](#), [B62J 6/053](#), [B62J 6/054](#), [B62J 6/055](#), [B62J 6/056](#) and [B62J 6/057](#).
 All groups listed in this Warning should be considered in order to perform a complete search.
- 6/052 . . Mechanical means, e.g. rotating arms
WARNING
 Groups [B62J 6/052](#) - [B62J 6/054](#) are incomplete pending reclassification of documents from group [B62J 6/05](#).
 All groups listed in this Warning should be considered in order to perform a complete search.
- 6/053 . . . driven by ropes or chains
- 6/054 . . . operated manually
- 6/055 . . Electrical means, e.g. lamps
WARNING
 Groups [B62J 6/055](#) - [B62J 6/057](#) are incomplete pending reclassification of documents from group [B62J 6/05](#).
 All groups listed in this Warning should be considered in order to perform a complete search.
- 6/056 . . . characterised by control means
- 6/057 Automatic activation, e.g. by sensors

- 6/06 . Arrangement of lighting dynamos or drives therefor
- 6/08 . . Tyre drives
- 6/10 . . Gear drives ([B62J 6/12](#) takes precedence)
- 6/12 . . Dynamos arranged in the wheel hub
- 6/14 . . Belt drives
- 6/16 . Arrangement of switches

WARNING

Group [B62J 6/16](#) is impacted by reclassification into group [B62J 6/165](#).

Groups [B62J 6/16](#) and [B62J 6/165](#) should be considered in order to perform a complete search.

- 6/165 . . Wireless switches

WARNING

Group [B62J 6/165](#) is incomplete pending reclassification of documents from group [B62J 6/16](#).

Groups [B62J 6/16](#) and [B62J 6/165](#) should be considered in order to perform a complete search.

- 6/20 . Arrangement of reflectors {, e.g. on the wheel spokes} (pedals incorporating reflectors [B62M 3/12](#)) {; Lighting devices mounted on wheel spokes}
- 6/22 . Warning or information lights

WARNING

Group [B62J 6/22](#) - [B62J 6/26](#) are incomplete pending reclassification of documents from group [B62J 6/00](#).

All groups listed in this Warning should be considered in order to perform a complete search.

- 6/24 . . warning or informing the rider, e.g. low fuel warning lights
- 6/26 . . warning or informing other road users, e.g. police flash lights

Article carriers (for vehicles in general [B60R](#))**7/00 Luggage carriers**

- 7/02 . characterised by the arrangement thereof on cycles
- 7/04 . . arranged above or behind the rear wheel
- 7/06 . . arranged above the front wheel, e.g. on the handlebars
- 7/08 . Equipment for securing luggage on carriers

9/00 Containers specially adapted for cycles, e.g. panniers or saddle bags**WARNING**

Group [B62J 9/00](#) is impacted by reclassification into groups [B62J 9/10](#), [B62J 9/12](#), [B62J 9/14](#), [B62J 9/16](#), [B62J 9/18](#), [B62J 9/23](#), [B62J 9/24](#), [B62J 9/26](#), [B62J 9/27](#), [B62J 9/28](#), and [B62J 9/30](#).

All groups listed in this Warning should be considered in order to perform a complete search.

- 9/10 . integrated with the cycle

WARNING

Groups [B62J 9/10](#) - [B62J 9/12](#) are incomplete pending reclassification of documents from groups [B62J 9/00](#), [B62J 9/20](#), [B62J 9/40](#) and [B62J 11/22](#).

All groups listed in this Warning should be considered in order to perform a complete search.

- 9/12 . . in the fairing
- 9/14 . . under the saddle

WARNING

Group [B62J 9/14](#) is incomplete pending reclassification of documents from groups [B62J 9/00](#), [B62J 9/20](#), [B62J 9/40](#), [B62J 11/22](#) and [B62J 11/24](#).

All groups listed in this Warning should be considered in order to perform a complete search.

- 9/16 . . under the floor board

WARNING

Group [B62J 9/16](#) is incomplete pending reclassification of documents from groups [B62J 9/00](#), [B62J 9/20](#), [B62J 9/40](#) and [B62J 11/22](#).

All groups listed in this Warning should be considered in order to perform a complete search.

- 9/18 . . in a dummy fuel tank

WARNING

Group [B62J 9/18](#) is incomplete pending reclassification of documents from groups [B62J 9/00](#), [B62J 9/20](#), [B62J 9/40](#) and [B62J 11/22](#).

All groups listed in this Warning should be considered in order to perform a complete search.

- 9/20 . attached to the cycle as accessories

WARNING

Group [B62J 9/20](#) is incomplete pending reclassification of documents from groups [B62J 9/40](#) and [B62J 11/22](#).

Group [B62J 9/20](#) is also impacted by reclassification into groups [B62J 9/10](#), [B62J 9/12](#), [B62J 9/14](#), [B62J 9/16](#), [B62J 9/18](#), [B62J 9/23](#), [B62J 9/24](#), [B62J 9/25](#), [B62J 9/26](#), [B62J 9/27](#), [B62J 9/28](#), and [B62J 9/30](#).

All groups listed in this Warning should be considered in order to perform a complete search.

- 9/21 . . above or alongside the front wheel, e.g. on the handlebars

WARNING

Group [B62J 9/21](#) is incomplete pending reclassification of documents from groups [B62J 9/40](#) and [B62J 11/22](#).

Groups [B62J 9/40](#), [B62J 11/22](#), and [B62J 9/21](#) should be considered in order to perform a complete search.

- 9/22 . . between the main frame tubes, e.g. suspended from the top tube

WARNING

Group [B62J 9/22](#) is incomplete pending reclassification of documents from groups [B62J 9/40](#) and [B62J 11/22](#).

Groups [B62J 9/40](#), [B62J 11/22](#), and [B62J 9/22](#) should be considered in order to perform a complete search.

- 9/23 . . above or alongside the rear wheel ([B62J 9/26](#) takes precedence)

WARNING

Group [B62J 9/23](#) is incomplete pending reclassification of documents from groups [B62J 9/00](#), [B62J 9/20](#), [B62J 9/40](#), and [B62J 11/22](#).

All groups listed in this Warning should be considered in order to perform a complete search.

- 9/24 . . on specially adapted racks, e.g. for top or side cases

WARNING

Group [B62J 9/24](#) is incomplete pending reclassification of documents from groups [B62J 9/00](#), [B62J 9/20](#), [B62J 9/40](#), and [B62J 11/22](#).

All groups listed in this Warning should be considered in order to perform a complete search.

- 9/25 . . to the fuel tank, e.g. magnetic tank bags

WARNING

Group [B62J 9/25](#) is incomplete pending reclassification of documents from groups [B62J 9/20](#), [B62J 9/40](#) and [B62J 11/22](#).

Groups [B62J 9/40](#), [B62J 11/22](#), and [B62J 9/25](#) should be considered in order to perform a complete search.

- 9/26 . . to the saddle, e.g. saddle bags

WARNING

Group [B62J 9/26](#) is incomplete pending reclassification of documents from groups [B62J 9/00](#), [B62J 9/20](#), [B62J 9/40](#) and [B62J 11/22](#).

Groups [B62J 9/40](#), [B62J 11/22](#), and [B62J 9/26](#) should be considered in order to perform a complete search.

- 9/27 . . characterised by mounting arrangements, e.g. quick release arrangements

WARNING

Group [B62J 9/27](#) is incomplete pending reclassification of documents from groups [B62J 9/00](#), [B62J 9/20](#), [B62J 9/40](#), and [B62J 11/22](#).

All groups listed in this Warning should be considered in order to perform a complete search.

- 9/28 . . specially adapted for delivery service, e.g. insulated boxes

WARNING

Group [B62J 9/28](#) is incomplete pending reclassification of documents from groups [B62J 9/00](#), [B62J 9/20](#), [B62J 9/40](#), and [B62J 11/22](#).

All groups listed in this Warning should be considered in order to perform a complete search.

- 9/30 . . characterised by locking arrangements, e.g. top case locks integrated in a vehicle central locking system

WARNING

Group [B62J 9/30](#) is incomplete pending reclassification of documents from groups [B62J 9/00](#), [B62J 9/20](#), [B62J 9/40](#), and [B62J 11/22](#).

All groups listed in this Warning should be considered in order to perform a complete search.

- 9/40 . . specially adapted for tools or spare parts

WARNING

Group [B62J 9/40](#) is incomplete pending reclassification of documents from group [B62J 11/22](#).

Group [B62J 9/40](#) is also impacted by reclassification into groups [B62J 9/10](#), [B62J 9/12](#), [B62J 9/14](#), [B62J 9/16](#), [B62J 9/18](#), [B62J 9/20](#), [B62J 9/21](#), [B62J 9/22](#), [B62J 9/23](#), [B62J 9/24](#), [B62J 9/25](#), [B62J 9/26](#), [B62J 9/27](#), [B62J 9/28](#), and [B62J 9/30](#).

All groups listed in this Warning should be considered in order to perform a complete search.

- 11/00 **Supporting arrangements specially adapted for fastening specific devices to cycles, e.g. supports for attaching maps**

WARNING

Group [B62J 11/00](#) is impacted by reclassification into groups [B62J 11/04](#), [B62J 11/05](#), [B62J 11/10](#), [B62J 11/13](#), [B62J 11/16](#), [B62J 11/19](#), [B62J 11/20](#), [B62J 11/22](#), [B62J 11/26](#), and [B62J 40/10](#).

All groups listed in this Warning should be considered in order to perform a complete search.

- 11/02 . . for pumps

11/04	<ul style="list-style-type: none"> for bottles <p>WARNING</p> <p>Group B62J 11/04 is incomplete pending reclassification of documents from group B62J 11/00.</p> <p>Groups B62J 11/00 and B62J 11/04 should be considered in order to perform a complete search.</p>	11/20	<ul style="list-style-type: none"> Harnesses; Arms, e.g. for dog leads <p>WARNING</p> <p>Group B62J 11/20 is incomplete pending reclassification of documents from group B62J 11/00.</p> <p>Groups B62J 11/00 and B62J 11/20 should be considered in order to perform a complete search.</p>
11/05	<ul style="list-style-type: none"> for sport articles, e.g. balls or golf clubs <p>WARNING</p> <p>Group B62J 11/05 is incomplete pending reclassification of documents from group B62J 11/00.</p> <p>Groups B62J 11/00 and B62J 11/05 should be considered in order to perform a complete search.</p>	11/22	<ul style="list-style-type: none"> especially adapted for tools (containers for tools B62J 9/40) <p>WARNING</p> <p>Group B62J 11/22 is incomplete pending reclassification of documents from group B62J 11/00.</p> <p>Group B62J 11/22 is also impacted by reclassification into groups B62J 9/10, B62J 9/12, B62J 9/14, B62J 9/16, B62J 9/18, B62J 9/20, B62J 9/21, B62J 9/22, B62J 9/23, B62J 9/24, B62J 9/25, B62J 9/26, B62J 9/27, B62J 9/28, B62J 9/30, and B62J 9/40.</p> <p>All groups listed in this Warning should be considered in order to perform a complete search.</p>
11/10	<ul style="list-style-type: none"> for mechanical cables, hoses, pipes or electric wires, e.g. cable guides (mounting or guiding of cables on rear derailleur B62M 9/127; mounting or guiding of cables on front derailleur B62M 9/137) <p>WARNING</p> <p>Group B62J 11/10 is incomplete pending reclassification of documents from groups B62J 11/00 and B62J 99/00.</p> <p>Groups B62J 11/00, B62J 99/00, and B62J 11/10 should be considered in order to perform a complete search.</p>	11/24	<ul style="list-style-type: none"> especially adapted for helmets (containers under the saddle for helmets B62J 9/14) <p>WARNING</p> <p>Group B62J 11/24 is impacted by reclassification into group B62J 9/14.</p> <p>Groups B62J 11/24 and B62J 9/14 should be considered in order to perform a complete search.</p>
11/13	<ul style="list-style-type: none"> especially adapted for mechanical cables <p>WARNING</p> <p>Group B62J 11/13 is incomplete pending reclassification of documents from group B62J 11/00.</p> <p>Groups B62J 11/00 and B62J 11/13 should be considered in order to perform a complete search.</p>	11/26	<ul style="list-style-type: none"> especially adapted for umbrellas <p>WARNING</p> <p>Group B62J 11/26 is incomplete pending reclassification of documents from groups B62J 11/00 and B62J 99/00.</p> <p>Groups B62J 11/00, B62J 99/00, and B62J 11/26 should be considered in order to perform a complete search.</p>
11/16	<ul style="list-style-type: none"> especially adapted for hoses or pipes, e.g. hydraulic, pneumatic, coolant or air filter hoses (air filter hoses B62J 40/10) <p>WARNING</p> <p>Group B62J 11/16 is incomplete pending reclassification of documents from groups B62J 11/00 and B62J 99/00.</p> <p>Groups B62J 11/00, B62J 99/00, and B62J 11/16 should be considered in order to perform a complete search.</p>	<p>Protectors; Fairings or streamlining parts not otherwise provided for (guards forming parts of cycle frames B62K; guards in general F16P)</p>	
11/19	<ul style="list-style-type: none"> especially adapted for electric wires <p>WARNING</p> <p>Group B62J 11/19 is incomplete pending reclassification of documents from group B62J 11/00.</p> <p>Groups B62J 11/00 and B62J 11/19 should be considered in order to perform a complete search.</p>	13/00	<p>Guards for chain, chain drive or equivalent drive, e.g. belt drive</p>
		13/02	<ul style="list-style-type: none"> shielding only the upper run of the chain or the like
		13/04	<ul style="list-style-type: none"> completely enclosing the chain drive or the like
		13/06	<ul style="list-style-type: none"> admitting ready access to the chain or the like
		15/00	<p>Mud-guards for wheels</p>
		15/02	<ul style="list-style-type: none"> Fastening means; Stays
		15/04	<ul style="list-style-type: none"> Mud flaps

17/00 Weather guards for riders; Fairings or streamlining parts not otherwise provided for**WARNING**

Group [B62J 17/00](#) is impacted by reclassification into group [B62J 17/10](#).

Groups [B62J 17/00](#) and [B62J 17/10](#) should be considered in order to perform a complete search.

- 17/02 . shielding only the rider's front
- 17/04 . . Windscreens
- 17/06 . . Leg guards
- 17/065 . . . {Apron-like covers for rider protection}
- 17/08 . Hoods protecting the rider
- 17/083 . . Frame mounted hoods specially adapted for rider propelled cycles
- 17/086 . . Frame mounted hoods specially adapted for motorcycles or the like
- 17/10 . Ventilation or air guiding devices forming part of fairings

WARNING

Group [B62J 17/10](#) is incomplete pending reclassification of documents from group [B62J 17/00](#).

Groups [B62J 17/00](#) and [B62J 17/10](#) should be considered in order to perform a complete search.

19/00 Parking covers for cycles**21/00 Dress protectors, e.g. clips attached to the cycle**

- 21/005 . {Dress protectors for cranks}

23/00 Other protectors specially adapted for cycles**25/00 Foot-rests; Knee grips; Passenger hand-grips****WARNING**

Group [B62J 25/00](#) is impacted by reclassification into groups [B62J 25/02](#), [B62J 25/04](#), [B62J 25/06](#), and [B62J 25/08](#).

All groups listed in this Warning should be considered in order to perform a complete search.

- 25/02 . Knee grips, e.g. on fuel tanks

WARNING

Group [B62J 25/02](#) is incomplete pending reclassification of documents from group [B62J 25/00](#).

Groups [B62J 25/00](#) and [B62J 25/02](#) should be considered in order to perform a complete search.

- 25/04 . Floor-type foot rests

WARNING

Group [B62J 25/04](#) is incomplete pending reclassification of documents from group [B62J 25/00](#).

Groups [B62J 25/00](#) and [B62J 25/04](#) should be considered in order to perform a complete search.

- 25/06 . Bar-type foot rests

WARNING

Group [B62J 25/06](#) is incomplete pending reclassification of documents from group [B62J 25/00](#).

Groups [B62J 25/00](#) and [B62J 25/06](#) should be considered in order to perform a complete search.

- 25/08 . Passengers hand-grips

WARNING

Group [B62J 25/08](#) is incomplete pending reclassification of documents from groups [B62J 25/00](#) and [B62J 99/00](#).

Groups [B62J 25/00](#), [B62J 99/00](#), and [B62J 25/08](#) should be considered in order to perform a complete search.

- 25/10 . . {Pillion grab handles attached to riders clothing}

27/00 Safety equipment**WARNING**

Group [B62J 27/00](#) is impacted by reclassification into groups [B62J 27/10](#), [B62J 27/20](#), and [B62J 27/30](#).

All groups listed in this Warning should be considered in order to perform a complete search.

- 27/10 . Safety belts specially adapted for motorcycles or the like

WARNING

Group [B62J 27/10](#) is incomplete pending reclassification of documents from group [B62J 27/00](#).

Groups [B62J 27/00](#) and [B62J 27/10](#) should be considered in order to perform a complete search.

- 27/20 . Airbags specially adapted for motorcycles or the like

WARNING

Group [B62J 27/20](#) is incomplete pending reclassification of documents from group [B62J 27/00](#).

Groups [B62J 27/00](#) and [B62J 27/20](#) should be considered in order to perform a complete search.

- 27/30 . Crash bars; Crash bungs

WARNING

Group [B62J 27/30](#) is incomplete pending reclassification of documents from group [B62J 27/00](#).

Groups [B62J 27/00](#) and [B62J 27/30](#) should be considered in order to perform a complete search.

29/00 Adaptations or arrangements of mirrors for use on cycles**31/00 Installations of lubricating devices**

33/00	Arrangements for warming riders specially adapted for cycles	43/20	<ul style="list-style-type: none"> characterised by the mounting <p>WARNING</p> <p>Groups B62J 43/20 - B62J 43/28 are incomplete pending reclassification of documents from groups B62J 43/00 and B62J 99/00.</p> <p>All groups listed in this Warning should be considered in order to perform a complete search.</p>
35/00	Fuel tanks specially adapted for motorcycles or engine-assisted cycles; Arrangements thereof (fuel tanks forming part of cycle frames B62K 11/00 ; tanks in general B60K {; closure caps for fuel tanks B60K 15/0406 })		
37/00	Arrangements of fuel supply lines, taps, or the like, on motor cycles or engine-assisted cycles	43/23	<ul style="list-style-type: none"> dismounted when charging
40/00	Arrangements of air cleaners specially adapted for cycles	43/26	<ul style="list-style-type: none"> carried on a trailer
	WARNING	43/28	<ul style="list-style-type: none"> hidden within the cycle frame
	Group B62J 40/00 is incomplete pending reclassification of documents from group B62J 99/00 .	43/30	<ul style="list-style-type: none"> for providing power to equipment other than for propulsion
	Groups B62J 99/00 and B62J 40/00 should be considered in order to perform a complete search.		WARNING
40/10	<ul style="list-style-type: none"> characterised by air duct arrangements <p>WARNING</p> <p>Group B62J 40/10 is incomplete pending reclassification of documents from groups B62J 11/00 and B62J 99/00.</p> <p>Groups B62J 11/00, B62J 99/00, and B62J 40/10 should be considered in order to perform a complete search.</p>		<p>Group B62J 43/30 is incomplete pending reclassification of documents from groups B62J 43/00 and B62J 99/00.</p> <p>Groups B62J 43/00, B62J 99/00, and B62J 43/30 should be considered in order to perform a complete search.</p>
41/00	Arrangements of radiators, coolant hoses or pipes on cycles	45/00	Electrical equipment arrangements specially adapted for use as accessories on cycles, not otherwise provided for
	WARNING	45/10	<ul style="list-style-type: none"> Arrangement of audio equipment; Supports therefor
	Group B62J 41/00 is incomplete pending reclassification of documents from group B62J 99/00 .	45/20	<ul style="list-style-type: none"> Cycle computers as cycle accessories
	Groups B62J 99/00 and B62J 41/00 should be considered in order to perform a complete search.		WARNING
43/00	Arrangements of batteries		<p>Group B62J 45/20 is impacted by reclassification into groups B62J 50/20, B62J 50/21, B62J 50/22, B62J 50/25, B62J 50/23, B62J 50/25, B62J 50/26, and B62J 50/28.</p> <p>All groups listed in this Warning should be considered in order to perform a complete search.</p>
	WARNING	45/40	<ul style="list-style-type: none"> Sensor arrangements (sensors for control of electrically assisted cycles B62M 6/50); Mounting thereof
	Group B62J 43/00 is incomplete pending reclassification of documents from group B62J 99/00 .		WARNING
	Group B62J 43/00 is also impacted by reclassification into groups B62J 43/10 , B62J 43/13 , B62J 43/16 , B62J 43/20 , B62J 43/23 , B62J 43/26 , B62J 43/28 , and B62J 43/30 .		<p>Group B62J 45/40 is impacted by reclassification into groups B62J 45/41 - B62J 45/423.</p> <p>All groups listed in this Warning should be considered in order to perform a complete search.</p>
	All groups listed in this Warning should be considered in order to perform a complete search.	45/41	<ul style="list-style-type: none"> characterised by the type of sensor <p>WARNING</p> <p>Groups B62J 45/41 - B62J 45/416 are incomplete pending reclassification of documents from group B62J 45/40.</p> <p>All groups listed in this Warning should be considered in order to perform a complete search.</p>
43/10	<ul style="list-style-type: none"> for propulsion <p>WARNING</p> <p>Groups B62J 43/10 - B62J 43/16 are incomplete pending reclassification of documents from groups B62J 43/00 and B62J 99/00.</p> <p>All groups listed in this Warning should be considered in order to perform a complete search.</p>		
43/13	<ul style="list-style-type: none"> on rider-propelled cycles with additional electric propulsion 	45/411	<ul style="list-style-type: none"> Torque sensors
43/16	<ul style="list-style-type: none"> on motorcycles or the like 	45/412	<ul style="list-style-type: none"> Speed sensors
		45/413	<ul style="list-style-type: none"> Rotation sensors
		45/414	<ul style="list-style-type: none"> Acceleration sensors
		45/415	<ul style="list-style-type: none"> Inclination sensors
		45/4151	<ul style="list-style-type: none"> {for sensing lateral inclination of the cycle}

- 45/4152 . . . {for sensing longitudinal inclination of the cycle}
- 45/416 . . . Physiological sensors, e.g. heart rate sensors
- 45/42 . . characterised by mounting

WARNING

Groups [B62J 45/42](#) - [B62J 45/423](#) are incomplete pending reclassification of documents from group [B62J 45/40](#).

All groups listed in this Warning should be considered in order to perform a complete search.

- 45/421 . . . at the pedal crank
- 45/422 . . . on the handlebar
- 45/423 . . . on or besides the wheel

50/00 Arrangements specially adapted for use on cycles not provided for in main groups [B62J 1/00](#) - [B62J 45/00](#)

WARNING

Group [B62J 50/00](#) is incomplete pending reclassification of documents from group [B62J 99/00](#).

Groups [B62J 99/00](#) and [B62J 50/00](#) should be considered in order to perform a complete search.

- 50/10 . Means for carrying cycles by hand
- 50/15 . Cleaning devices

WARNING

Group [B62J 50/15](#) is incomplete pending reclassification of documents from group [B62J 99/00](#).

Groups [B62J 99/00](#) and [B62J 50/15](#) should be considered in order to perform a complete search.

- 50/16 . . for cleaning parts of the cycle, e.g. windscreen wipers
- 50/17 . . for using the cycle as a cleaning device, e.g. floor sweeping
- 50/20 . Information-providing devices

WARNING

Group [B62J 50/20](#) is incomplete pending reclassification of documents from group [B62J 45/20](#).

Group [B62J 50/20](#) is also impacted by reclassification into groups [B62J 50/21](#), [B62J 50/22](#), [B62J 50/23](#), and [B62J 50/28](#).

All groups listed in this Warning should be considered in order to perform a complete search.

- 50/21 . . intended to provide information to rider or passenger

WARNING

Group [B62J 50/21](#) is incomplete pending reclassification of documents from groups [B62J 45/20](#) and [B62J 50/20](#).

Groups [B62J 45/20](#), [B62J 50/20](#), and [B62J 50/21](#) should be considered in order to perform a complete search.

- 50/22 . . . electronic, e.g. displays

WARNING

Group [B62J 50/22](#) is incomplete pending reclassification of documents from groups [B62J 45/20](#) and [B62J 50/20](#).

Groups [B62J 45/20](#), [B62J 50/20](#), and [B62J 50/22](#) should be considered in order to perform a complete search.

- 50/225 . . . {Mounting arrangements therefor}

WARNING

Group [B62J 50/225](#) is incomplete pending reclassification of documents from group [B62J 45/20](#).

Groups [B62J 45/20](#) and [B62J 50/225](#) should be considered in order to perform a complete search.

- 50/23 . . . mechanical, e.g. cable-driven trip meters

WARNING

Group [B62J 50/23](#) is incomplete pending reclassification of documents from groups [B62J 45/20](#) and [B62J 50/20](#).

Groups [B62J 45/20](#), [B62J 50/20](#), and [B62J 50/23](#) should be considered in order to perform a complete search.

- 50/25 . . intended to provide information to other road users, e.g. signs or flags

WARNING

Group [B62J 50/25](#) is incomplete pending reclassification of documents from group [B62J 45/20](#).

Group [B62J 50/25](#) is also impacted by reclassification into group [B62J 50/26](#).

Groups [B62J 45/20](#), [B62J 50/25](#), and [B62J 50/26](#) should be considered in order to perform a complete search.

- 50/26 . . . Number plates

WARNING

Group [B62J 50/26](#) is incomplete pending reclassification of documents from groups [B62J 45/20](#) and [B62J 50/25](#).

Groups [B62J 45/20](#), [B62J 50/25](#), and [B62J 50/26](#) should be considered in order to perform a complete search.

- 50/28 . . characterised by quick release, e.g. snap on connectors

WARNING

Group [B62J 50/28](#) is incomplete pending reclassification of documents from groups [B62J 45/20](#) and [B62J 50/20](#).

Groups [B62J 45/20](#), [B62J 50/20](#), and [B62J 50/28](#) should be considered in order to perform a complete search.

- 50/30 . Means for ventilation within devices provided on the cycle, e.g. ventilation means in a battery container

WARNING

Group [B62J 50/30](#) is incomplete pending reclassification of documents from group [B62J 99/00](#).

Groups [B62J 99/00](#) and [B62J 50/30](#) should be considered in order to perform a complete search.

- 50/40 . Ornaments or toys

99/00 Subject matter not provided for in other groups of this subclass

WARNING

Group [B62J 99/00](#) is impacted by reclassification into groups [B62J 11/10](#), [B62J 11/16](#), [B62J 11/26](#), [B62J 25/08](#), [B62J 40/00](#), [B62J 40/10](#), [B62J 41/00](#), [B62J 43/00](#), [B62J 43/10](#), [B62J 43/13](#), [B62J 43/16](#), [B62J 43/20](#), [B62J 43/23](#), [B62J 43/26](#), [B62J 43/28](#), [B62J 43/30](#), [B62J 50/00](#), [B62J 50/15](#), and [B62J 50/30](#).

All groups listed in this Warning should be considered in order to perform a complete search.