

# 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.

|                 |  |   |
|-----------------|--|---|
| <b>1/00</b>     | <b>Saddles or other seats for cycles; Arrangement thereof; Component parts</b>   | <b><u>Signal or lighting devices specially adapted for cycles (for vehicles in general B60Q)</u></b>  |
| 1/002           | . {Saddles having a seating area with a central cavity or depression}  | <b>3/00</b> <b>Acoustic signal devices (arrangements indicating unauthorised use of cycles B62H 5/20); Arrangement of such devices on cycles</b>  |
| 1/005           | . {Saddles having a seating area with multiple separate weight bearing surfaces}   | <b><u>NOTE</u></b>  |
| 1/007           | . {Saddles with specific anatomical adaptations}   | Group <a href="#">B62J 3/00</a> 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   | <b><u>WARNING</u></b>   |
| 1/04            | . . Saddles capable of swinging about a horizontal pivot   | Group <a href="#">B62J 3/00</a> is impacted by reclassification into groups <a href="#">B62J 3/02</a> , <a href="#">B62J 3/04</a> , <a href="#">B62J 3/06</a> , <a href="#">B62J 3/08</a> , <a href="#">B62J 3/10</a> , <a href="#">B62J 3/12</a> , and <a href="#">B62J 3/14</a> . 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 ( <a href="#">attaching seat pillars to cycle frames B62K 19/36</a> ) |   |
| <b>2001/085</b> | . . {Seat pillars having mechanisms to vary seat height, independently of the cycle frame}   |   |
| 1/10            | . Internal adjustment of saddles   | <b>3/02</b> . Mechanical devices  |
| 1/12            | . Box-shaped seats; Bench-type seats, e.g. dual or twin seats  | <b><u>WARNING</u></b>   |
| 1/14            | . Separate pillions  | Groups <a href="#">B62J 3/02</a> - <a href="#">B62J 3/08</a> are incomplete pending reclassification of documents from group <a href="#">B62J 3/00</a> .  |
| 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  | <b>3/04</b> . . activated by the rider, e.g. bells or horns   |
| 1/20            | . . Detachable covers; Detachable pads   | <b>3/06</b> . . activated by rotating parts of cycles, e.g. rattles hitting spokes  |
| 1/22            | . . Covers with built-in paddings  | <b>3/08</b> . . 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"> <li>for bottles</li> </ul> <p><b>WARNING</b></p> <p>Group <a href="#">B62J 11/04</a> is incomplete pending reclassification of documents from group <a href="#">B62J 11/00</a>.</p> <p>Groups <a href="#">B62J 11/00</a> and <a href="#">B62J 11/04</a> should be considered in order to perform a complete search.</p>   | 11/20   | <ul style="list-style-type: none"> <li>Harnesses; Arms, e.g. for dog leads</li> </ul> <p><b>WARNING</b></p> <p>Group <a href="#">B62J 11/20</a> is incomplete pending reclassification of documents from group <a href="#">B62J 11/00</a>.</p> <p>Groups <a href="#">B62J 11/00</a> and <a href="#">B62J 11/20</a> should be considered in order to perform a complete search.</p>   |
| 11/05 | <ul style="list-style-type: none"> <li>for sport articles, e.g. balls or golf clubs</li> </ul> <p><b>WARNING</b></p> <p>Group <a href="#">B62J 11/05</a> is incomplete pending reclassification of documents from group <a href="#">B62J 11/00</a>.</p> <p>Groups <a href="#">B62J 11/00</a> and <a href="#">B62J 11/05</a> should be considered in order to perform a complete search.</p>  | 11/22   | <ul style="list-style-type: none"> <li>especially adapted for tools (<a href="#">containers for tools B62J 9/40</a>)</li> </ul> <p><b>WARNING</b></p> <p>Group <a href="#">B62J 11/22</a> is incomplete pending reclassification of documents from group <a href="#">B62J 11/00</a>.</p> <p>Group <a href="#">B62J 11/22</a> is also impacted by reclassification into groups <a href="#">B62J 9/10</a>, <a href="#">B62J 9/12</a>, <a href="#">B62J 9/14</a>, <a href="#">B62J 9/16</a>, <a href="#">B62J 9/18</a>, <a href="#">B62J 9/20</a>, <a href="#">B62J 9/21</a>, <a href="#">B62J 9/22</a>, <a href="#">B62J 9/23</a>, <a href="#">B62J 9/24</a>, <a href="#">B62J 9/25</a>, <a href="#">B62J 9/26</a>, <a href="#">B62J 9/27</a>, <a href="#">B62J 9/28</a>, <a href="#">B62J 9/30</a>, and <a href="#">B62J 9/40</a>.</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"> <li>for mechanical cables, hoses, pipes or electric wires, e.g. cable guides (<a href="#">mounting or guiding of cables on rear derailleur B62M 9/127</a>; <a href="#">mounting or guiding of cables on front derailleur B62M 9/137</a>)</li> </ul> <p><b>WARNING</b></p> <p>Group <a href="#">B62J 11/10</a> is incomplete pending reclassification of documents from groups <a href="#">B62J 11/00</a> and <a href="#">B62J 99/00</a>.</p> <p>Groups <a href="#">B62J 11/00</a>, <a href="#">B62J 99/00</a>, and <a href="#">B62J 11/10</a> should be considered in order to perform a complete search.</p> | 11/24   | <ul style="list-style-type: none"> <li>especially adapted for helmets (<a href="#">containers under the saddle for helmets B62J 9/14</a>)</li> </ul> <p><b>WARNING</b></p> <p>Group <a href="#">B62J 11/24</a> is impacted by reclassification into group <a href="#">B62J 9/14</a>.</p> <p>Groups <a href="#">B62J 11/24</a> and <a href="#">B62J 9/14</a> should be considered in order to perform a complete search.</p>  |
| 11/13 | <ul style="list-style-type: none"> <li>especially adapted for mechanical cables</li> </ul> <p><b>WARNING</b></p> <p>Group <a href="#">B62J 11/13</a> is incomplete pending reclassification of documents from group <a href="#">B62J 11/00</a>.</p> <p>Groups <a href="#">B62J 11/00</a> and <a href="#">B62J 11/13</a> should be considered in order to perform a complete search.</p>  | 11/26   | <ul style="list-style-type: none"> <li>especially adapted for umbrellas</li> </ul> <p><b>WARNING</b></p> <p>Group <a href="#">B62J 11/26</a> is incomplete pending reclassification of documents from groups <a href="#">B62J 11/00</a> and <a href="#">B62J 99/00</a>.</p> <p>Groups <a href="#">B62J 11/00</a>, <a href="#">B62J 99/00</a>, and <a href="#">B62J 11/26</a> should be considered in order to perform a complete search.</p>   |
| 11/16 | <ul style="list-style-type: none"> <li>especially adapted for hoses or pipes, e.g. hydraulic, pneumatic, coolant or air filter hoses (<a href="#">air filter hoses B62J 40/10</a>)</li> </ul> <p><b>WARNING</b></p> <p>Group <a href="#">B62J 11/16</a> is incomplete pending reclassification of documents from groups <a href="#">B62J 11/00</a> and <a href="#">B62J 99/00</a>.</p> <p>Groups <a href="#">B62J 11/00</a>, <a href="#">B62J 99/00</a>, and <a href="#">B62J 11/16</a> should be considered in order to perform a complete search.</p>  | <p><b>Protectors; Fairings or streamlining parts not otherwise provided for</b> (<a href="#">guards forming parts of cycle frames B62K</a>; <a href="#">guards in general F16P</a>)</p> |  |
| 11/19 | <ul style="list-style-type: none"> <li>especially adapted for electric wires</li> </ul> <p><b>WARNING</b></p> <p>Group <a href="#">B62J 11/19</a> is incomplete pending reclassification of documents from group <a href="#">B62J 11/00</a>.</p> <p>Groups <a href="#">B62J 11/00</a> and <a href="#">B62J 11/19</a> should be considered in order to perform a complete search.</p>   | 13/00   | <p><b>Guards for chain, chain drive or equivalent drive, e.g. belt drive</b></p>   |
|       |  | 13/02   | <ul style="list-style-type: none"> <li>shielding only the upper run of the chain or the like</li> </ul>  |
|       |  | 13/04   | <ul style="list-style-type: none"> <li>completely enclosing the chain drive or the like</li> </ul>   |
|       |  | 13/06   | <ul style="list-style-type: none"> <li>admitting ready access to the chain or the like</li> </ul>  |
|       |  | 15/00   | <p><b>Mud-guards for wheels</b></p>  |
|       |  | 15/02   | <ul style="list-style-type: none"> <li>Fastening means; Stays</li> </ul>   |
|       |  | 15/04   | <ul style="list-style-type: none"> <li>Mud flaps</li> </ul>  |

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

- 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.