SECTION B — PERFORMING OPERATIONS; TRANSPORTING

B62 LAND VEHICLES FOR TRAVELLING OTHERWISE THAN ON RAILS

B62K CYCLES; CYCLE FRAMES; CYCLE STEERING DEVICES; RIDER-OPERATED TERMINAL CONTROLS SPECIALLY ADAPTED FOR CYCLES; CYCLE AXLE SUSPENSIONS; CYCLE SIDECARS, FORECARS, OR THE LIKE

Subclass index

KINDS OF CYCLES
- Characterised by construction:
  - number of wheels: unicycle; bicycle; with more than two wheels 1/00, 3/00, 5/00
  - with motor 11/00
  - sidecar, forecar 27/00
  - convertible; foldable 13/00, 15/00
- Characterised by purpose: for transport; for children 7/00, 9/00
- Other kinds 17/00

PARTS OF CYCLES
- Frame; axle suspension 19/00, 25/00
- Steering; terminal controls 21/00, 23/00

1/00 Unicycles

3/00 Bicycles
- 3/02 • Frames (tandem frames B62K 3/14)
- 3/04 • • having a substantially-horizontal top bar
- 3/06 • • of open type
- 3/08 • • • having crossing members
- 3/10 • • of single-beam type, i.e. connecting steering head to rear axle
- 3/12 • Tandems
- 3/14 • • Frames
- 3/16 • specially adapted for disabled riders

5/00 Cycles with handlebars, equipped with three or more main road wheels (cycle supports or stands equipped with additional wheels for ride stabilisation B62H 1/12) **[1, 2013.01]**
- 5/003 • Cycles with four or more wheels, specially adapted for disabled riders, e.g. personal mobility type vehicles with four wheels (wheelchairs A61G 5/00) **[2013.01]**
- 5/007 • • power-driven **[2013.01]**
- 5/01 • Motorcycles with four or more wheels (specially adapted for disabled riders B62K 5/003) **[2013.01]**
- 5/02 • Tricycles (children's tricycles B62K 9/02) **[1, 2013.01]**
- 5/023 • • specially adapted for disabled riders, e.g. personal mobility type vehicles with three wheels (wheelchairs A61G 5/00) **[2013.01]**
- 5/025 • • • power-driven **[2013.01]**
- 5/027 • • Motorcycles with three wheels (specially adapted for disabled riders B62K 5/023) **[2013.01]**
- 5/05 • • characterised by a single rear wheel **[2013.01]**
- 5/06 • • Frames for tricycles
- 5/08 • with steering devices acting on two or more wheels
- 5/10 • with means for inwardly inclining the vehicle body on bends **[2013.01]**

7/00 Freight- or passenger-carrying cycles
- 7/02 • Frames
- 7/04 • • having a carrying platform (article-carrying accessories B62J 7/00-B62J 11/00)

9/00 Children's cycles (toy vehicles A63H 17/00)
- 9/02 • Tricycles

11/00 Motorcycles, engine-assisted cycles or motor scooters with one or two wheels (fairings or streamlining parts not forming part of the frame B62J; transmission of drive from engines to wheels B62M)
- 11/02 • Frames (motorcycles or cycles with auxiliary engines characterised by position of engine B62M)
- 11/04 • • characterised by the engine being between front and rear wheels
- 11/06 • • • the frame being of single-beam type
- 11/08 • • • • the beam being fabricated from sheet metal, e.g. forming fuel tank walls
- 11/10 • • characterised by the engine being over or beside driven rear wheel
- 11/12 • Steering wheel forks characterised by the association therewith of engine
- 11/14 • Handlebar constructions, or arrangements of controls thereon, specially adapted thereto (hand controls per se B62K 23/02)

13/00 Cycles convertible to, or transformable into, other types of cycles or land vehicles (convertible vehicles in general B60F 5/00; cycle supports or stands equipped with additional wheels for ride stabilisation B62H 1/12)
- 13/02 • to a tandem
- 13/04 • to a tricycle

13/06 • to a quadricycle, e.g. by coupling together two bicycles side by side
13/08 • Frames

15/00 Collapsible or foldable cycles

17/00 Cycles not otherwise provided for

19/00 Cycle frames (cycle frames specially adapted for one particular kind of cycle specified in groups B62K 1/00-B62K 17/00, see the relevant group)
19/02 • characterised by material or cross-section of frame members
19/04 • • the material being wholly or mainly metallic, e.g. of high elasticity
19/06 • • • tubular
19/08 • • • made from sheet
19/10 • • • Combinations of tube and sheet
19/12 • • • having cast members
19/14 • • the material being wholly or mainly wood
19/16 • • the material being wholly or mainly of plastics
19/18 • Joints between frame members
19/20 • • welded, soldered, or brazed
19/22 • • Adhesive joints
19/24 • • Screwed joints
19/26 • • Riveted joints
19/28 • • Means for strengthening joints
19/30 • Frame parts shaped to receive other cycle parts or accessories (axle suspensions B62K 25/00)
19/32 • • Steering heads (bearings therefor B62K 21/06)
19/34 • • Bottom brackets
19/36 • • for attaching saddle pillars, e.g. adjustable during ride
19/38 • • for attaching brake members
19/40 • • for attaching accessories, e.g. article carriers, lamps
19/42 • • • for tyre pumps (attachment devices not forming part of frame B62J 11/02)
19/44 • Chain-guards forming part of frame (chain-guards per se B62J 13/00)
19/46 • Luggage carriers forming part of frame (luggage carriers per se B62J 7/00)
19/48 • Fairings forming part of frame

21/00 Steering devices (steering devices specially adapted for one particular kind of cycle specified in groups B62K 1/00-B62K 17/00, see the relevant group)
21/02 • Front wheel forks or equivalent, e.g. single tine
21/04 • Fork crowns
21/06 • Bearings specially adapted for steering heads (bearings in general F16C)
21/08 • Steering dampers (dampers in general F16F)
21/10 • Mechanisms for restoring steering device to straight-ahead position
21/12 • Handlebars; Handlebar stems
21/14 • • having resilient parts therein
21/16 • • having adjustable parts therein
21/18 • Connections between forks and handlebars or handlebar stems
21/20 • • resilient
21/22 • • adjustable
21/24 • • readily releasable
21/26 • Handlebar grips (twist grips B62K 23/04)

23/00 Rider-operated controls specially adapted for cycles, i.e. means for initiating control operations, e.g. levers, grips (specially adapted to cycle brake mechanisms B62L 3/00)
23/02 • hand-actuated (arrangements of controls on handle-bars of engine-driven cycles B62K 11/14)
23/04 • • Twist grips
23/06 • • Levers
23/08 • foot-actuated

25/00 Axle suspensions (for vehicles in general B60G)
25/02 • for mounting axles rigidly on cycle frame or fork, e.g. adjustably
25/04 • for mounting axles resiliently on cycle frame or fork (for sidecars, forecars, or the like B62K 27/06)
25/06 • • with telescopic fork, e.g. including auxiliary rocking arms
25/08 • • • for front wheel
25/10 • • • for rear wheel
25/12 • • with rocking arm pivoted on each fork leg (in combination with telescopic fork B62K 25/06)
25/14 • • • with single arm on each fork leg
25/16 • • • • for front wheel
25/18 • • • • • the arm being pivoted intermediate its ends
25/20 • • • • for rear wheel
25/22 • • • with more than one arm on each fork leg
25/24 • • • • for front wheel
25/26 • • • • for rear wheel
25/28 • • with pivoted chain-stay
25/30 • • • pivoted on pedal crank shelf (B62K 25/32 takes precedence)
25/32 • • • the chain-stay forming a chain-guard

27/00 Sidecars; Forecars or the like (trailers B60P, B62D; characterised by carrying propulsion engine B62M)
27/02 • Frames
27/04 • Car bodies; Fairings
27/06 • Resilient axle suspension
27/08 • Resilient car-body suspension on frame
27/10 • Other component parts or accessories
27/12 • • Coupling parts for attaching cars or the like to cycle; Arrangements thereof
27/14 • • • Resilient coupling parts
27/16 • • Hoods; Weather-guards, e.g. windscreens