

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	5/10	• with means for inwardly inclining the vehicle body on bends [2013.01]
3/00	Bicycles	7/00	Freight- or passenger-carrying cycles
3/02	• Frames (tandem frames B62K 3/14)	7/02	• Frames
3/04	• • having a substantially-horizontal top bar	7/04	• • having a carrying platform (article-carrying accessories B62J 7/00-B62J 11/00)
3/06	• • of open type		
3/08	• • • having crossing members	9/00	Children's cycles (toy vehicles A63H 17/00)
3/10	• • of single-beam type, i.e. connecting steering head to rear axle	9/02	• Tricycles
3/12	• Tandems	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)
3/14	• • Frames	11/02	• Frames (motorcycles or cycles with auxiliary engines characterised by position of engine B62M)
3/16	• specially adapted for disabled riders	11/04	• • characterised by the engine being between front and rear wheels
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]	11/06	• • • the frame being of single-beam type
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]	11/08	• • • • the beam being fabricated from sheet metal, e.g. forming fuel tank walls
5/007	• • power-driven [2013.01]	11/10	• • characterised by the engine being over or beside driven rear wheel
5/01	• Motorcycles with four or more wheels (specially adapted for disabled riders B62K 5/003) [2013.01]	11/12	• Steering wheel forks characterised by the association therewith of engine
5/02	• Tricycles (children's tricycles B62K 9/02) [1, 2013.01]	11/14	• Handlebar constructions, or arrangements of controls thereon, specially adapted thereto (hand controls <u>per se</u> B62K 23/02)
5/023	• • specially adapted for disabled riders, e.g. personal mobility type vehicles with three wheels (wheelchairs A61G 5/00) [2013.01]	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)
5/025	• • • power-driven [2013.01]	13/02	• to a tandem
5/027	• • Motorcycles with three wheels (specially adapted for disabled riders B62K 5/023) [2013.01]	13/04	• to a tricycle
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		

B62K

- 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 handlebars 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