

## A 63 B APPARATUS FOR PHYSICAL TRAINING, GYMNASTICS, SWIMMING, CLIMBING, OR FENCING; BALL GAMES; TRAINING EQUIPMENT

### Subclass Index

#### GYMNASTIC APPARATUS

- Bars; Balance beams .....1/00, 3/00; 4/00
- Apparatus for jumping; stilts.....5/00, 6/00; 25/00
- Freely-suspended apparatus;  
climbing poles, frames, or stages .....7/00; 9/00
- Clubs .....15/00
- Other exercising apparatus .....17/00 to 23/00, 26/00
- Controls.....24/00

#### APPARATUS FOR SPECIAL SPORTS

- Climbing, mountaineering.....27/00, 29/00

- Swimming.....31/00 to 35/00
- Balls.....37/00 to 47/00
- Golf equipment .....53/00 to 57/00
- Other equipment for ball games.....49/00, 51/00, 59/00,  
61/00, 63/00
- Implements for throwing.....65/00
- Training equipment.....69/00

#### MISCELLANEOUS SPORTING GAMES;

- MISCELLANEOUS ACCESSORIES .....67/00; 71/00

**Gymnastic exercising apparatus** (training apparatus for special sports 69/00; apparatus for passive exercising, massage A 61 H) [3]

#### 1/00 Horizontal bars

- 1/04 . Cleaning the rods

#### 3/00 Parallel bars or similar apparatus

#### 4/00 Balance beams [5]

#### 5/00 Apparatus for jumping (mats for jumping 6/00; for racing or riding sports, e.g. hurdles, A 63 K) [5]

- 5/02 . High-jumping posts
- 5/04 . . Ropes therefor
- 5/06 . Vaulting poles
- 5/08 . Spring-boards (of trampoline type 5/11) [5]
- 5/10 . . for aquatic sports
- 5/11 . Trampolines [5]
- 5/12 . Bolster vaulting apparatus, e.g. horses, bucks, tables
- 5/16 . Training devices for jumping; Devices for balloon-jumping; Jumping aids
- 5/20 . Skipping-ropes
- 5/22 . Foot obstacles for skipping

#### 6/00 Mats or the like for absorbing shocks for jumping, gymnastics or the like [5]

- 6/02 . for landing, e.g. for pole vaulting [5]

#### 7/00 Freely-suspended gymnastic apparatus

- 7/02 . Swinging rings; Trapezes
- 7/04 . Climbing-ropes
- 7/06 . Rotors with hanging ropes
- 7/08 . Apparatus for rope-dancing

#### 9/00 Climbing poles, frames, or stages

#### 15/00 Clubs

- 15/02 . with illuminating devices

#### 17/00 Exercising apparatus combining several parts such as ladders, rods, beams, slides

- 17/02 . rigidly combined
- 17/04 . separable

#### 19/00 Hoop exercising apparatus

- 19/02 . Freely-movable rolling hoops, e.g. gyrowheels
- 19/04 . movably supported on a framework

### Note

In groups 21/00, 22/00 and 23/00, it is desirable to add the indexing codes of group 101:00 or 103:00. The indexing codes should be unlinked. [5]

#### 21/00 Exercising apparatus for developing or strengthening the muscles or joints of the body by working against a counterforce, with or without measuring devices (electric or electronic controls therefor 24/00; measuring muscular strength A 61 B 5/22)

- 21/002 . isometric or isokinetic, i.e. substantial force variation without substantial muscle motion [5]
- 21/005 . using electromagnetic or electric force-resisters [5]
- 21/008 . using hydraulic or pneumatic force-resisters [5]
- 21/012 . using frictional force-resisters [5]
- 21/015 . . including rotating or oscillating elements [5]
- 21/018 . . including a rope moving relative to the surface of elements [5]
- 21/02 . using resilient force-resisters [5]
- 21/04 . . attached to static foundation
- 21/045 . . having torsion element [5]
- 21/05 . . Linearly-compressed elements [5]
- 21/055 . . extension element type [5]
- 21/06 . User-manipulated weights [5]
- 21/062 . . including guide for vertical array of weights [5]
- 21/065 . . worn on user's body [5]
- 21/068 . . using user's body weight [5]
- 21/072 . . Dumb-bells, bar-bells or the like [5]
- 21/075 . . . with variable weights [5]
- 21/078 . . Devices for bench press exercises [5]
- 21/08 . . anchored at one end
- 21/16 . Supports for anchoring force-resisters
- 21/22 . Resisting devices with rotary bodies
- 21/28 . Devices for two persons operating in opposition

#### 22/00 Exercising apparatus specially adapted for conditioning the cardio-vascular system, for training agility or co-ordination of movements (force-resisting aspects 21/00; electric or electronic controls therefor 24/00) [5]

- 22/02 . with movable endless bands [5]
- 22/04 . with movable steps [5]
- 22/06 . with rotating cycling movement (support stands for bicycles 69/16; unicycles B 62 K 1/00) [5]
- 22/08 . . for the legs [5]

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- 22/10 . . for the arms [5]
- 22/12 . . for legs and arms simultaneously [5]
- 22/14 . Platforms for reciprocating rotating motion about a vertical axis [5]
- 22/16 . Platforms for rocking motion about a horizontal axis; Balancing drums; Balancing boards or the like [5]
- 22/18 . with elements having a circulating or rotating movement, generated by oscillating movement of the user (hoop exercising apparatus 19/00) [5]
- 22/20 . using rollers, wheels, castors or the like to be moved over the floor or other surface during exercising [5]

**23/00 Exercising apparatus specially adapted for particular parts of the body** (22/00 takes precedence; force-resisting aspects 21/00; electric or electronic controls therefor 24/00; devices for exercising or strengthening of fingers or arms in teaching operation of keyboards G 09 B, e.g. 15/06) [5]

- 23/02 . for the abdomen, the spinal column, the torso, or the shoulders
- 23/025 . for the head or neck [5]
- 23/03 . . for face muscles [5]
- 23/035 . for limbs, i.e. upper or lower limbs, e.g. simultaneously [5]
- 23/04 . . for lower limbs [5]
- 23/08 . . . for ankle-joints [5]
- 23/10 . . . for feet or toes [5]
- 23/12 . . for upper limbs [5]
- 23/14 . . . for wrist-joints [5]
- 23/16 . . . for hands or fingers [5]
- 23/18 . for improving respiratory function [5]
- 23/20 . for vaginal muscles [5]

**24/00 Electric or electronic controls for exercising apparatus of preceding groups** [5]

**25/00 Stilts or the like**

- 25/02 . Elastic stilts
- 25/04 . with wheels
- 25/06 . Shoes formed with stilts to elongate the step
- 25/08 . Hopping-sticks, e.g. pogo sticks
- 25/10 . Elastic bouncing shoes fastened to the foot

**26/00 Exercising apparatus not covered by groups 1/00 to 25/00** [5]

### Climbing; Mountaineering

**27/00 Apparatus for climbing poles, trees, or the like** (safety belts for climbers A 62 B 35/00)

- 27/02 . Climbing devices for round poles attachable to the feet
- 27/04 . Climbing devices for profile poles attachable to the feet

**29/00 Apparatus for mountaineering** (helmets A 42 B 3/00; non-skid devices or attachments for footwear, e.g. mountain climbing irons, A 43 C 15/00; breathing masks or helmets for use at high altitudes A 62 B 18/00; picks B 25 D 7/00) [3]

- 29/02 . Mountain guy-ropes or accessories, e.g. avalanche ropes; Means for indicating the location of accidentally buried, e.g. snow-buried, persons (detecting hidden masses G 01 V)
- 29/04 . Steps for climbing (for permanent fixing E 06 C 9/04)
- 29/08 . Hand equipment for climbers

### Swimming

**31/00 Swimming aids** (teaching swimming 69/10 to 69/14; life-saving in water B 63 C 9/00)

- 31/02 . Swimming gloves
- 31/04 . . with arrangements for enlarging the propulsive surface
- 31/08 . Swim fins, flippers or other swimming aids held by, or attachable to, the hands, arms, feet or legs (31/18 takes precedence; worn as gloves 31/02) [3]
- 31/10 . . held by, or attachable to, the hands or feet [3]
- 31/11 . . . attachable only to the feet [3]
- 31/12 . . held by, or attachable to, the arms or legs [3]
- 31/14 . . with valve-flaps
- 31/16 . . with arrangements for varying the size of the swimming surface
- 31/18 . Swimming appliances with propulsive effect for hands and feet simultaneously

**33/00 Swimming equipment attachable to the head, e.g. swimming helmets, swimming goggles** (breathing aids, e.g. snorkels, B 63 C 11/12)

**35/00 Swimming framework with driving mechanisms operated by the swimmer or by a motor** (other vessels or like floating structures for pleasure or sport B 63 B 35/71, 35/73; divers' sleds or like craft B 63 C 11/46)

- 35/02 . shaped like a fish tail
- 35/04 . with paddle wheels
- 35/06 . with twin-bladed paddles or buoyant members
- 35/08 . with propeller propulsion
- 35/10 . . operated by the swimmer
- 35/12 . . operated by a motor

### Balls

**37/00 Solid balls; Marbles** (heavy throwing-balls 65/06)

- 37/02 . Special cores
- 37/04 . . Rigid cores
- 37/06 . . Elastic cores
- 37/08 . . Liquid cores; Plastic cores
- 37/10 . . with eccentric centre of gravity
- 37/12 . Special coverings
- 37/14 . Special surfaces

**39/00 Hollow non-inflatable balls**

- 39/02 . Arrangements for maintaining the pressure
- 39/04 . . Pricking balls
- 39/06 . Special coverings
- 39/08 . . made of two halves

**41/00 Hollow inflatable balls** (connecting valves to inflatable elastic bodies B 60 C 29/00; valves, e.g. self-closing valves, F 16 K)

- 41/02 . Bladders
- 41/04 . . Closures therefor
- 41/08 . Ball covers; Closures therefor
- 41/10 . Bladder and cover united
- 41/12 . Tools or devices for blowing up or closing balls (air pumps F 04)

**43/00 Balls with special arrangements**

- 43/02 . with a handle
- 43/04 . with an eccentric centre of gravity; with mechanism for changing the centre of gravity (solid balls 37/10)
- 43/06 . with illuminating devices

**45/00 Apparatus or methods for manufacturing balls**  
(working of plastics or substances in a plastic state [B 29](#))

- 45/02 . Marking of balls

**47/00 Devices for handling or treating balls**

- 47/02 . for picking-up
- 47/04 . for cleaning balls (apparatus for cleaning balls, as accessories for bowling- or table alleys [A 63 D 5/10](#))

**Rackets, bats, or other accessories for ball games****49/00 Tennis, badminton, or like rackets**

- 49/02 . Frames
- 49/04 . . with balancing devices
- 49/06 . . with slits
- 49/08 . . with special construction of the handle
- 49/10 . . made of non-metallic materials, other than wood
- 49/12 . . made of metal
- 49/14 . . Protection devices on the frame
- 49/16 . Presses
- 49/18 . Covers

**51/00 Stringing tennis rackets**

- 51/02 . Strings; String substitutes
- 51/04 . . Sheet-like structures used as substitutes
- 51/06 . Double-sided stringings
- 51/08 . Diagonal stringings
- 51/10 . Reinforcements for stringings
- 51/12 . Devices arranged in or on the racket for adjusting the tension of the strings
- 51/14 . Devices for stringing
- 51/16 . . Machines or apparatus for stringing while manufacturing

**53/00 Golf clubs**

- 53/02 . Joint structures between the head and the shaft
- 53/04 . Heads
- 53/06 . . adjustable
- 53/08 . with special arrangements for obtaining a variable impact
- 53/10 . Non-metallic shafts
- 53/12 . Metallic shafts
- 53/14 . Handles
- 53/16 . . adjustable

**55/00 Bags for golf clubs; Stands for golf clubs for use on the course**

- 55/02 . with special receptacles for the balls
- 55/04 . Supports with devices for anchoring to the ground
- 55/06 . . Bags with tripod or like set-up stands
- 55/08 . Wheeled carriers for golf bags (running gear or propulsion features [B 60](#))
- 55/10 . Stands for golf clubs for use on the course

**57/00 Golf game accessories, e.g. golf cups, golf tees****59/00 Bats, rackets, or the like, for other games** (bats with a ball tethered thereto [67/20](#))

- 59/02 . for lacrosse, pelota, or similar games
- 59/04 . for table tennis
- 59/06 . for baseball, rounders, or similar games
- 59/08 . for cricket
- 59/10 . for croquet
- 59/12 . for hockey

- 59/14 . for ice hockey
- 59/16 . for polo
- 59/18 . Circular bats for other games

**61/00 Tennis nets or accessories for tennis or like games**

- 61/02 . Posts; Revolvably-mounted posts
- 61/04 . Straining or adjusting devices for nets

**63/00 Targets or goals for ball games** (golf cups [57/00](#))

- 63/02 . rigidly mounted ([63/08](#) takes precedence) [3]
- 63/04 . adjustably or pivotally mounted ([63/08](#) takes precedence) [3]
- 63/06 . Revolving targets
- 63/08 . with horizontal opening for ball, e.g. for basketball [3]

**65/00 Implements for throwing** (throwing toys [A 63 H 33/18](#); throwing weapons [F 41 B](#))

- 65/02 . Darts, spears or the like
- 65/04 . Throwing-hammers
- 65/06 . Heavy throwing-balls
- 65/08 . Boomerangs
- 65/10 . Discus discs; Quoits
- 65/12 . Ball-throwing apparatus with or without catchers

**67/00 Miscellaneous sporting games**

- 67/02 . Special golf games, e.g. miniature golf
- 67/04 . Table games physically beneficial for the human body, modelled on outdoor sports, e.g. table tennis (other table games [A 63 F](#))
- 67/06 . Ring or disc tossing games
- 67/08 . Juggling or spinning ball games played as games of skill
- 67/10 . Games with thread-suspended or swingably-mounted bodies, e.g. balls, pointed bodies shaped as birds, animals, or the like, for aiming at and hitting targets (games using a bat with a ball tethered thereto [67/20](#); pin games with tethered balls [A 63 D 7/00](#))
- 67/12 . Flip games
- 67/14 . Curling stone; Shuffleboard; Similar sliding games
- 67/16 . Tethered aerial top or spinner games
- 67/18 . Badminton, shuttlecock, or like games with feathered missiles
- 67/20 . Games using a bat with a ball tethered thereto [3]
- 67/22 . . the bat having one or more holes therein [3]

**69/00 Training appliances or apparatus for special sports** (training of parachutists [B 64 D 23/00](#))

- 69/02 . for fencing
- 69/04 . simulating the movement of horses (toy animals for riding [A 63 G 19/00](#))
- 69/06 . for rowing or sculling
- 69/08 . . with water-filled pools
- 69/10 . Swimming instruction apparatus for use without water
- 69/12 . Arrangements in swimming pools for teaching swimming
- 69/14 . . Teaching frames for swimming
- 69/16 . for cycling
- 69/18 . for skiing
- 69/20 . Punching balls
- 69/22 . . mounted on, or suspended from, a fixed support
- 69/24 . . mounted on, or suspended from, a movable support
- 69/26 . . . attached to the human body

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- 69/28 . . Attachments located on the balls at opposite points
- 69/30 . . . Resilient attachments
- 69/32 . . with indicating devices
- 69/34 . Boxing or football dummies
- 69/36 . for golf
- 69/38 . for tennis
- 69/40 . Stationarily-arranged devices for projecting balls (sling weapons [F 41 B 3/00](#); traps for clay-pigeon targets [F 41 J 9/18](#))

### **71/00 Games or sports accessories not covered in groups 1/00 to 69/00** (starting appliances [A 63 K 3/02](#))

- 71/02 . for large-room or outdoor sporting games
- 71/04 . for small-room or indoor sporting games
- 71/06 . Indicating or scoring devices for games or players (timing devices [G 07 C](#))
- 71/08 . Body-protectors for players or sportsmen (protective clothing or garments for sporting purposes [A 41 D 13/00](#))
- 71/10 . . for the head (in the form of caps or hats [A 42 B 1/08](#); helmets [A 42 B 3/00](#))
- 71/12 . . for the body or the legs

- 71/14 . . for the hands, e.g. baseball, boxing, or golfing gloves (archer's finger tabs [F 41 B 5/16](#))
- 71/16 . . . air-filled (connection of valves to inflatable elastic bodies [B 60 C 29/00](#))

**Indexing scheme associated with groups 21/00 to 23/00. The indexing codes should be unlinked.** [5]

### **Note**

Attention is drawn to Chapter IV of the Guide which sets forth the rules concerning the application and presentation of the different types of indexing code. [6]

### **101:00 Exercising apparatus for persons lying down** [5]

- 101:02 . on the stomach [5]

### **103:00 Exercising apparatus with common support frame for user's body and force-resister** [5]