

EUROPEAN PATENT OFFICE
U.S. PATENT AND TRADEMARK OFFICE

CPC NOTICE OF CHANGES 510

AUGUST 1, 2018

PROJECT MP0359

The following classification changes will be effected by this Notice of Changes:

<u>Action</u>	<u>Subclass</u>	<u>Group(s)</u>
SCHEME:		
Titles Changed:	A63B	21/00
	A63B	29/00
	A63B	29/02
	A63B	41/00
	A63B	41/12
	A63B	65/00
	A63B	69/40
	A63B	71/06
	B63C	11/12
DEFINITIONS:		
Definitions New:	B63C	11/12
Definitions Modified:	A63B	SUBCLASS
	A63B	21/00
	A63B	29/00
	A63B	29/02
	A63B	33/00
	A63B	41/00
	A63B	41/12
	A63B	55/60
	A63B	65/00
	A63B	69/40
	A63B	71/06
	B63C	SUBCLASS

No other subclasses/groups are impacted by this Notice of Changes.

This Notice of Changes includes the following [Check the ones included]:

1. CLASSIFICATION SCHEME CHANGES

- A. New, Modified or Deleted Group(s)
- B. New, Modified or Deleted Warning(s)

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- C. New, Modified or Deleted Note(s)
- D. New, Modified or Deleted Guidance Heading(s)

2. DEFINITIONS

- A. New or Modified Definitions (Full definition template)
 - B. Modified or Deleted Definitions (Definitions Quick Fix)
3. REVISION CONCORDANCE LIST (RCL)
 4. CHANGES TO THE CPC-TO-IPC CONCORDANCE LIST (CICL)
 5. CHANGES TO THE CROSS-REFERENCE LIST (CRL)

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1. CLASSIFICATION SCHEME CHANGES

A. New, Modified or Deleted Group(s)

SUBCLASS A63B - APPARATUS FOR PHYSICAL TRAINING, GYMNASTICS, SWIMMING, CLIMBING, OR FENCING; BALL GAMES; TRAINING EQUIPMENT (apparatus for passive exercising, massage A61H)

<u>Type*</u>	<u>Symbol</u>	<u>Indent Level Number of dots (e.g. 0, 1, 2)</u>	<u>Title (new or modified)</u> “CPC only” text should normally be enclosed in {curly brackets}**	<u>Transferred to#</u>
M	A63B 21/00	0	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 A63B 24/00)	
M	A63B 29/00	0	Apparatus for mountaineering (helmets A42B 3/00; non-skid devices or attachments for footwear, e.g. crampons, A43C 15/00; breathing masks or helmets for use at high altitudes A62B 18/00; picks B25D 7/00)	
M	A63B 29/02	1	Mountain guy-ropes or accessories, e.g. avalanche ropes; Means for indicating the location of accidentally buried, e.g. snow-buried, persons	
M	A63B 41/00	0	Hollow inflatable balls	
M	A63B 41/12	1	Tools or devices for blowing up or closing balls{(for pricking-balls A63B39/04)}	
M	A63B 65/00	0	Implements for throwing (throwing toys A63H 33/18){; Mechanical projectors, e.g. using spring force}	
M	A63B 69/40	1	Stationarily-arranged devices for projecting balls {or other bodies} ({golf cups with ball ejector means A63B57/405; } traps for clay-pigeon targets F41J 9/18)	
M	A63B 71/06	1	Indicating or scoring devices for games or players{, or for other sports activities}	

SUBCLASS B63C - LAUNCHING, HAULING-OUT, OR DRY-DOCKING OF VESSELS; LIFE-SAVING IN WATER; EQUIPMENT FOR DWELLING OR WORKING UNDER WATER; MEANS FOR SALVAGING OR SEARCHING FOR UNDERWATER OBJECTS (floating nets, floating slipways, or the like for recovering aircraft from the water B63B 35/52)

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<u>Type*</u>	<u>Symbol</u>	<u>Indent Level Number of dots (e.g. 0, 1, 2)</u>	<u>Title (new or modified)</u> <u>“CPC only” text should normally be enclosed in {curly brackets}**</u>	<u>Transferred to#</u>
M	B63C 11/12	2	Diving masks	

*N = new entries where reclassification into entries is involved; C = entries with modified file scope where reclassification of documents from the entries is involved; Q = new entries which are firstly populated with documents via administrative transfers from deleted (D) entries. Afterwards, the transferred documents into the Q entry will either stay or be moved to more appropriate entries, as determined by intellectual reclassification; E= existing entries with enlarged file scope, which receive documents from C or D entries, e.g. when a limiting reference is removed from the entry title; M = entries with no change to the file scope (no reclassification); D = deleted entries; F = frozen entries will be deleted once reclassification of documents from the entries is completed; U = entries that are unchanged.

NOTES:

- **No {curly brackets} are used for titles in CPC only subclasses, e.g. C12Y, A23Y; 2000 series symbol titles of groups found at the end of schemes (orthogonal codes); or the Y section titles. The {curly brackets} are used for 2000 series symbol titles found interspersed throughout the main trunk schemes (breakdown codes).
- For U groups, the minimum requirement is to include the U group located immediately prior to the N group or N group array, in order to show the N group hierarchy and improve the readability and understanding of the scheme. Always include the symbol, indent level and title of the U group in the table above.
- All entry types should be included in the scheme changes table above for better understanding of the overall scheme change picture. Symbol, indent level, and title are required for all types except “D” which requires only a symbol.
- #“Transferred to” column must be completed for all C, D, F, and Q type entries. F groups will be deleted once reclassification is completed.
- When multiple symbols are included in the “Transferred to” column, avoid using ranges of symbols in order to be as precise as possible.
- For administrative transfer of documents, the following text should be used: “< administrative transfer to XX>” or “<administrative transfer to XX and YY simultaneously>” when administrative transfer of the same documents is to more than one place.
- Administrative transfer to main trunk groups is assumed to be “invention information”, unless otherwise indicated, and to 2000 series groups is assumed to be “additional information”

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2. A. DEFINITIONS (modified)

A63B

Definition statement

This place covers:

REPLACE: The existing Definition statement with the following.

Gymnastic or exercising apparatus or equipment, of which examples are:

- Horizontal or parallel bars, balance beams, tightropes or similar apparatus;
- Apparatus for jumping e.g. pole-vaulting poles, spring-boards, trampolines, high-jump apparatus, skipping-ropes;
- Mats for absorbing the shock of landing, e.g. in pole-vaulting;
- Freely-suspended apparatus e.g. swinging rings, trapezes, climbing-ropes;
- Climbing poles, frames or stages, clubs, hoop exercising apparatus;
- Fitness devices, exercising apparatuses for ACTIVE exercising ([A63B21/00-A63B24/00](#));
- Exercising apparatus for developing or strengthening muscles or joints against a counterforce, e.g. in weight training;
- Apparatus for conditioning the cardio-vascular system, e.g. exercise bikes, treadmills;
- Apparatus for conditioning particular parts of the body, e.g. particular muscle groups;
- Electric or electronic controls for such apparatus.

Climbing or mountaineering apparatus, including apparatus for climbing trees or poles;
Swimming aids or equipment, e.g. fins, flippers, goggles;

- Electric or electronic controls for such apparatus.

Balls for ball games including:

- Solid balls, e.g. golf balls, cricket balls, marbles;
- Hollow non-inflatable balls, e.g. for squash rackets or tennis;
- Hollow inflatable balls e.g. for football, rugby, American football;
- Balls with special arrangements e.g. handles or eccentric centres of gravity (e.g. in bowling balls); and
- Apparatus or methods for manufacturing balls or for handling or treating them, e.g. cleaning.

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Rackets, bats or other striking implements for ball games, e.g. tennis rackets and similar, golf clubs, baseball bats, cricket bats, hockey sticks.

Accessories for golf; accessories for other ball games.

Targets or goals for ball games; tennis and similar nets and accessories therefor.

Implements for throwing, e.g. darts, javelins, spears, throwing-hammers, boomerangs, discus discs, quoits, juggling clubs.

Miscellaneous sporting games, e.g. miniature golf, juggling, curling, badminton, shuttlecock or like games, games using a hockey puck; projectiles for these games which do not fall into the above category of balls for ball games.

Training appliances for particular sports, e.g. for fencing, riding, skiing, rowing, punching-balls for boxing, golf swing trainers, artificial mountain slopes.

Other games or sports accessories, e.g. indicating or scoring devices, body protectors.

REPLACE: The existing Relationships with other classification places with the following.

Relationships with other classification places

- Some sporting subject matter is to be found in other subclasses of class A63.
- Skates, skis and their bindings, roller skates, skate-boards and the design or layout of playing-courts, rinks, bowling-greens or water-skiing areas or the like are classified in A63C.
- Bowling-alleys, bowling-games and equipment for bowls (but not the balls which are in A63B) and billiards or snooker are classified in A63D.
- Merry-go-rounds, swings, rocking-horses, toy animals for riding, chutes, switchbacks, water roundabouts, helter-skelters or the like are classified in A63G.
- Toys are in A63H.
- Racing, riding sports and equipment and accessories therefore, including race-courses and race-tracks, are in A63K.

In relation to apparatus or methods for manufacturing balls, it should be borne in mind that working of plastics or substances in a plastic state is classified in class B29 and the chemical or compositional aspects of balls is in Section C, e.g. compositions for making golf balls are usually in subclass C08L.

- Sporting subject matter can be found in other subclasses within CPC.
- Methods to process and manage data is found under subclass G06Q.

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- Patient management and defining a physical action treatment -- virtual trainers are found in G06F19/3481.
- Teaching a sequence of movements in sports is found in G09B19/0038.

References

Limiting references

DELETE: All table rows EXCEPT “Apparatus for passive exercising or massage A61H”

Apparatus for passive exercising or massage	A61H
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ADD: Application-oriented references section.

Application-oriented references

Examples of places where the subject matter of this place is covered when specially adapted, used for a particular purpose, or incorporated in a larger system:

Non-skid devices or attachments for footwear, e.g. crampons	A43C15/00
Breathing masks or helmets for <u>use</u> at high altitudes	A62B18/00
Safety belts for climbers	A62B35/00
Picks	B25D7/00
Ladders attached to fixed structures	E06C9/04

Informative references

REPLACE: The existing table with the following.

Protective equipment in the form of clothing or garments for sporting purposes	A41D13/00
Uses of garments specially adapted for sport activities	A41D2600/10

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Soft caps; hoods with protection against blows	A42B1/08
Helmets	A42B3/00
Measuring muscular strength for diagnostic purposes	A61B5/22
Video games	A63F13/00
Manufacturing sport articles	B21K17/00
Connecting valves to inflatable elastic bodies	B60C 29/00
Unicycles	B62K1/00
Bicycles	B62K3/00
Vessels or like floating structures for pleasure or sport	B63B35/71, B63B35/73
Life-saving in water	B63C9/00
Breathing aids for swimming, e.g. snorkels	B63C11/12
Training of parachutists	B64D 23/00
Devices for producing mechanical power from muscle energy	F03G5/00
Weapons for projecting missiles	F41B
Sling weapons	F41B 3/00
Archers' finger tabs	F41B5/1473
Traps for clay-pigeon targets	F41J9/18
Stop watches	G04F
Controlling member being movable by hand, e.g. joystick	G05G9/047
PDA - Personal Assistance Device	G06F 1/1626
Computer-assisted prescription or delivery by physical action, e.g. virtual trainers	G06F19/3481
Time or attendance registers	G07C
Signal device with lights	G08B 5/36
Simulators for training	G09B9/00
Devices for exercising or strengthening of fingers or arms in teaching music	G09B15/06
Teaching repetitive work cycles; sequence of movements	G09B19/003
Displaying; advertising; signs; labels or name-plates; seals	G09F

Special rules of classification

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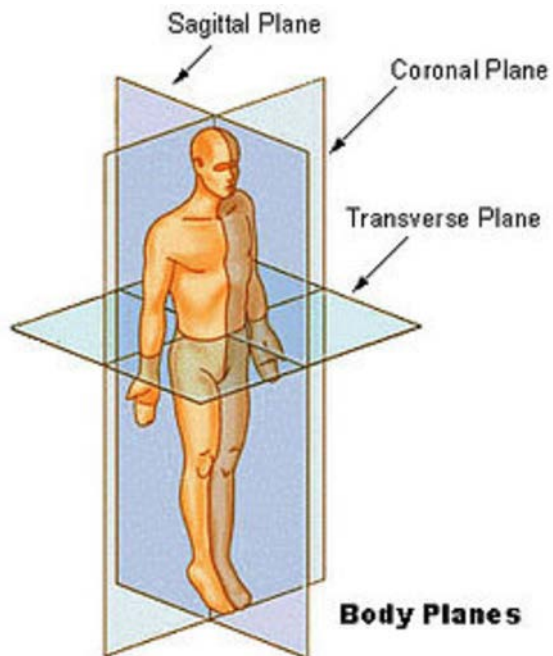
ADD: The following paragraph.

In A63B, indexing codes are required whenever the additional information is relevant; also, when only an indexing code applies.

Glossary of terms

DELETE: First image and Wikipedia reference from the second image.

Body planes



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A63B29/00

Definition statement

This place covers:

ADD: The following Definition statement

Mechanical inventive aspects of apparatuses for mountaineering.

References

Limiting references

This place does not cover:

REPLACE: The existing table with the following.

Helmets	A42B3/00
Non-skid devices or attachments for footwear, e.g. mountain climbing irons	A43C15/00
Breathing masks or helmets for use at high altitudes	A62B18/00
Picks	B25D7/00

Informative references

Attention is drawn to the following places, which may be of interest for search:

REPLACE: The existing table with the following.

Devices for lowering persons, including "descendeurs", rope brakes etc	A62B1/06
Safety belts or body harnesses	A62B35/00
Arrangements on buildings for connecting safety-lines	E04G21/3261

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A63B33/00

Definition statement

This place covers:

ADD: Last sentence to the Definition statement.

Helmets for swimming and/or playing water polo, and any other kind of swimming equipment whose function is intrinsically connected to the practise of any kind of sport in water. It is also used for nose clips for swimming.

References

Limiting references

This place does not cover:

REPLACE: The existing table with the following.

Diving masks	B63C11/12
Air supply equipment for dwelling or working underwater, Breathing aids, e.g. snorkels	B63C11/18

Informative references

Attention is drawn to the following places, which may be of interest for search:

REPLACE: The existing table with the following.

Head protectors in the form of caps or hats	A42B1/08
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Hats or head coverings, soft caps or hoods, bathing caps not specifically conceived for sporting purposes	A42B1/12
Other body protectors for the head	A63B71/10
Helmets	A42B3/00
Divers` equipment	B63C11/02
Diving masks (comprising nose-clips	B63C2011/125
Surgical instruments for use in the nose	A61B17/24
Nose clips when part of respiratory or breathing apparatus	A62B9/06
Nose filters	A62B23/06
Devices for correcting deformities of the nose and for enlarging the nostrils for breathing improvement	A61F5/08
Nose clips for preventing snoring	A61F5/56
Swimming boards and other teaching frames for swimming	A63B69/14
Shaping of plastics, swimming equipment	B29L2031/5254

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A63B41/00

References

Informative references

Attention is drawn to the following places, which may be of interest for search:

ADD: First table entry for “Inflatable chairs.”

Inflatable chairs	A47C4/54
Connecting valves to inflatable elastic bodies	B60C29/00
Valves, e.g. self-closing valves	F16K

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A63B55/60

Definition statement

ADD: The following Definition statement

This place covers:

Golf bags.

References

DELETE: Limiting references section.

Informative references

Attention is drawn to the following places, which may be of interest for search:

ADD: The last 9 rows to the existing table, as shown below.

Measuring distance travelled:	A63B2220/20
Measuring distance traversed for golf carts	G01C22/004
Running gear or propulsion features for wheeled carriers for golf bags	B60
Insofar as the features thereof are generic to hand carts	B62B
Trolley adapted to receive an ordinary/unspecified bag	B62B1/66
Accessories or details for handcarts	B62B5/00
Trolleys or handcarts for carrying golf articles, e.g. golf bags	B62B2202/404
Trolleys or handcarts for carrying golf clubs, i.e. not in a golf bag	B62B2202/406
Foldable or dismountable when not in use	B62B2205/00
Cycles; with adaptations to be used as golf carts	B62K2005/002
Supplementary fittings on vehicle exterior for carrying loads, e.g. luggage, sports gear or the like	B60R9/00

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A63B69/40

ADD: New Definition statement.

Definition statement

This place covers:

“Stationarily” also includes moving robots which are stationary when projecting balls.

References

Limiting references

This place does not cover:

DELETE: First 7 rows.

ADD: Two rows, one for “Golf cups” and another for “Traps” as shown below.

Golf cups with ball ejector means	A63B57/405
Traps for clay-pigeon targets	F41J9/18

Informative references

Attention is drawn to the following places, which may be of interest for search:

DELETE: Row for “Ball-dispensing devices”

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Ball dispensers having means preventing bridge formation during dispensing	A63B2047/004
Targets with means for returning balls by gravity or mechanically	A63B63/00
Implements for throwing	A63B65/00
Dog ball launchers	A01K15/025
Apparatus for projecting balls for indoor games	A63F7/2409
Sling weapons	F41B3/00
Magazines for projected targets	F41J9/30
Means for obviating the anticipation of the flight path for projected targets	F41J9/32

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B63C 11/12 (new)

References

Informative references

Attention is drawn to the following places, which may be of interest for search:

Swimming equipment attachable to the head, e.g. swimming helmets or caps or goggles	A63B 33/00
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2. B. DEFINITIONS QUICK FIX

<u>Symbol</u>	<u>Location of change</u> (e.g., section title)	<u>Existing reference symbol or text</u>	<u>Action; New symbol; New text</u>
A63B 21/00	Limiting references		Delete: These further different aspects should be considered while classifying the apparatuses for active physical exercising (see also the flowchart annexed after A63B 24/00 and the Classification examples for A63B 22/00): Use for cardio-vascular, agility or coordination A63B 22/00 Use of the apparatus for strength training A63B 23/00 Means for physically limiting movements of body parts A63B 69/0057 Position of the user during training A63B 2208/00 Sensors A63B 2220/00
A63B 21/00	Application-oriented references	none	Add: These further different aspects should be considered while classifying the apparatuses for active physical exercising (see also the flowchart annexed after A63B 24/00 and the Classification examples for A63B 22/00): Use for cardio-vascular, agility or coordination A63B 22/00 Use of the apparatus for strength training A63B 23/00
A63B 21/00	Informative references		Delete: Electric or electronic controls therefore A63B 24/00
A63B 21/00	Informative references		Add: Means for physically limiting movements of body parts A63B 69/0057 Position of the user during training A63B 2208/00 Sensors A63B 2220/00
A63B 29/02	Informative references	G01V 1/00	Replace by: G01V

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A63B 41/12	Informative references	Air pumps	Replace by: Air pumps per se for blowing up balls
A63B 65/00	Limiting references		Delete: Golf cups with ball ejector means A63B 57/405 Stationarily-arranged devices for projecting balls A63B 69/40 Shooting or hurling games A63F 9/02 Throwing weapons F41B Sling weapons F41B 3/00 Trap machines for trapshooting and clay-pigeon targets F41J 9/18 Darts F42B 6/003
A63B 65/00	Informative references		Add: Golf cups with ball ejector means A63B 57/405 Stationarily-arranged devices for projecting balls A63B 69/40 Shooting or hurling games A63F 9/02 Throwing weapons F41B Sling weapons F41B 3/00 Trap machines for trapshooting and clay-pigeon targets F41J 9/18 Darts F42B 6/003
A63B 71/06	Definition statement		Add: This place covers: Scoring devices for sports activities
A63B 71/06	Limiting references		Delete: For fencing A63B 69/02 Details of notification to user or patient for diagnostic purposes A61B 5/74 For card games A63F 1/18 For arrow or dart games F41J 3/02
A63B 71/06	Informative references		Add: For fencing A63B 69/02 Details of notification to user or patient for diagnostic purposes A61B 5/74 For card games A63F 1/18 For arrow or dart games F41J 3/02
B63C	Limiting references		Delete: Externally attached cofferdams or the like B63B 17/0018
B63C	Informative references		Add: Externally attached cofferdams or the like B63B 17/0018

NOTES:

- The table above is used for corrections or modifications to existing definitions, e.g. delete an entire definition or part thereof; propose new wording or modify wording of a section, change the symbol the definition is associated with, change or delete a reference symbol, etc.
- Do not delete (F) symbol definitions.