COOPERATIVE PATENT CLASSIFICATION

A HUMAN NECESSITIES

HEALTH; AMUSEMENT

A63 SPORTS; GAMES; AMUSEMENTS

A63H TOYS, e.g. TOPS, DOLLS, HOOPS OR BUILDING BLOCKS

WARNINGS

1. The following IPC groups are not in the CPC scheme. The subject matter for these IPC groups is classified in the following CPC groups:

- A63H 3/33 covered by A63H 3/28
- A63H 17/267 covered by A63H 17/26
- A63H 17/385 covered by A63H 17/36
- A63H 17/39 covered by A63H 17/36
- A63H 17/41 covered by A63H 17/40
- A63H 25/00 covered by A63H 29/16, A63H 31/00
- A63H 25/02 covered by A63H 29/16, A63H 31/00
- A63H 27/01 covered by A63H 27/007
- A63H 27/127 covered by A63H 27/12
- A63H 27/133 covered by A63H 27/12
- A63H 27/16 covered by A63H 27/004, A63H 33/16
- A63H 27/18 covered by A63H 27/00, A63H 27/02
- A63H 27/20 covered by A63H 27/00
- A63H 27/22 covered by A63H 27/00, A63H 29/18
- A63H 27/24 covered by A63H 27/02, A63H 29/00, A63H 29/22
- A63H 27/26 covered by A63H 27/06
- A63H 27/28 covered by A63H 27/008
- A63H 27/30 covered by A63H 27/02
- A63H 27/32 covered by A63H 27/00

2. 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.

1/00 Tops (diabolos or similar thrown and caught spinning tops or throwing and catching devices therefor) A63B 67/16; flying tops (A63H 27/12)

```WARNING``

Group A63H 1/00 is impacted by reclassification into groups A63B 67/16 and A63B 67/165.

Groups A63H 1/00, A63B 67/16, and A63B 67/165 should be considered in order to perform a complete search.

```/02```

. with detachable winding devices

```WARNING``

Group A63H 1/02 is impacted by reclassification into groups A63B 67/16 and A63B 67/165.

Groups A63H 1/02, A63B 67/16, and A63B 67/165 should be considered in order to perform a complete search.

```1/04```

. with string or band winding devices

```WARNING``

Group A63H 1/04 is impacted by reclassification into groups A63B 67/16 and A63B 67/165.

Groups A63H 1/04, A63B 67/16, and A63B 67/165 should be considered in order to perform a complete search.

```1/06```

. with integral winding devices

```WARNING``

Group A63H 1/06 is impacted by reclassification into groups A63B 67/16 and A63B 67/165.

Groups A63H 1/06, A63B 67/16, and A63B 67/165 should be considered in order to perform a complete search.
with arrangements for winding-up by blowing

**WARNING**

Group A63H 1/08 is impacted by reclassification into groups A63B 67/16 and A63B 67/165.

Groups A63H 1/08, A63B 67/16, and A63B 67/165 should be considered in order to perform a complete search.

able to be spun by whirling the axis with both hands

**WARNING**

Group A63H 1/10 is impacted by reclassification into groups A63B 67/16 and A63B 67/165.

Groups A63H 1/10, A63B 67/16, and A63B 67/165 should be considered in order to perform a complete search.

Whip tops; Top whips

**WARNING**

Group A63H 1/12 is impacted by reclassification into groups A63B 67/16 and A63B 67/165.

Groups A63H 1/12, A63B 67/16, and A63B 67/165 should be considered in order to perform a complete search.

Hopping, dancing, or curve-drawing tops

**WARNING**

Group A63H 1/16 is impacted by reclassification into groups A63B 67/16 and A63B 67/165.

Groups A63H 1/16, A63B 67/16, and A63B 67/165 should be considered in order to perform a complete search.

Double tops; Multiple tops mounted in or on one another

**WARNING**

Group A63H 1/18 is impacted by reclassification into groups A63B 67/16 and A63B 67/165.

Groups A63H 1/18, A63B 67/16, and A63B 67/165 should be considered in order to perform a complete search.

with figure-like features; with movable objects, especially figures

**WARNING**

Group A63H 1/20 is impacted by reclassification into groups A63B 67/16 and A63B 67/165.

Groups A63H 1/20 and A63B 67/16 and A63B 67/165 should be considered in order to perform a complete search.

Colour tops

**WARNING**

Group A63H 1/22 is impacted by reclassification into groups A63B 67/16 and A63B 67/165.

Groups A63H 1/22, A63B 67/16, and A63B 67/165 should be considered in order to perform a complete search.

with illuminating arrangements

**WARNING**

Group A63H 1/24 is impacted by reclassification into groups A63B 67/16 and A63B 67/165.

Groups A63H 1/24, A63B 67/16, and A63B 67/165 should be considered in order to perform a complete search.

emitting blasts or explosions

**WARNING**

Group A63H 1/26 is impacted by reclassification into groups A63B 67/16 and A63B 67/165.

Groups A63H 1/26, A63B 67/16, and A63B 67/165 should be considered in order to perform a complete search.

Musical tops

**WARNING**

Group A63H 1/28 is impacted by reclassification into groups A63B 67/16 and A63B 67/165.

Groups A63H 1/28, A63B 67/16, and A63B 67/165 should be considered in order to perform a complete search.

Climbing tops, e.g. Yo-Yo

**WARNING**

Group A63H 1/30 is impacted by reclassification into groups A63B 67/16 and A63B 67/165.

Groups A63H 1/30, A63B 67/16, and A63B 67/165 should be considered in order to perform a complete search.

Whirling or spinning discs driven by twisted cords

**WARNING**

Group A63H 1/32 is impacted by reclassification into groups A63B 67/16 and A63B 67/165.

Groups A63H 1/32, A63B 67/16, and A63B 67/165 should be considered in order to perform a complete search.

Dolls; Figures; Musical toys

<table>
<thead>
<tr>
<th>3/00</th>
<th>Dolls</th>
<th>(puppets or marionettes for shows or theatres A63J 19/006)</th>
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</thead>
</table>

**NOTE**

In this group, the following term is used with the meaning indicated:

- “doll” includes a toy animal

<table>
<thead>
<tr>
<th>3/001</th>
<th>simulating physiological processes, e.g. heartbeat, breathing or fever (with fluid ingestion or emission A63H 3/24)</th>
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<tr>
<th>3/003</th>
<th>specially adapted for a particular function not connected with dolls (as electric lighting devices A63H 3/006)</th>
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<th>3/005</th>
<th>for use as container (containers B65D)</th>
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<tr>
<th>3/006</th>
<th>provided with electrical lighting (electrical lighting F21)</th>
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<th>3/008</th>
<th>Dolls capable of simulating pregnancy or birth</th>
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<th>3/02</th>
<th>made of fabrics or stuffed</th>
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<th>3/04</th>
<th>with deformable framework</th>
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CPC - 2020.05
Dolls; Figures; Musical toys

Mechanically or gravity driven toy figures

11/00 Self-movable toy figures
11/02 . moved by vibrations produced by rotating eccentric weights
11/04 . Climbing figures moving up-and-down
11/06 . Jumping toys
11/08 . Toys performing somersaults
11/10 . Figure toys with single- or multiple-axle undercarriages, by which the figures perform a realistic running motion when the toy is moving over the floor
11/12 . . Wheeled toys with figures performing a wriggling motion when moving
11/14 . Mechanically-moved walking figures balanced by gyrostatic effects

2011/16 . . [Toy animals with pairs of legs performing turtle-like motions]
11/18 . . Figure toys which perform a realistic walking motion
11/20 . . with pairs of legs, e.g. horses

WARNING
New group A63H 11/20 introduced in November 2005 is not complete. Documents from A63H 11/18 are in the process of being reorganised to the new group

11/205 . . . {performing turtle-like motion}

13/00 Toy figures with self-moving parts, with or without movement of the toy as a whole
13/005 . . with self-moving head or facial features (with a choice of features A63H 3/365; movable eyes A63H 3/40)
13/02 . . imitating natural actions, e.g. catching a mouse by a cat, the kicking of an animal
13/03 . . . Egg-laying toy animals
13/04 . . . Mechanical figures imitating the movement of players or workers
13/045 . . . {imitating surfing}
13/06 . . . imitating boxing or fighting
13/08 . . . able to perform military exercises
13/10 . . . shooting arrows or other missiles
13/12 . . . Gymnastic or acrobatic toy figures
13/14 . . . Rope-jumping toy figures
13/15 . . . imitating drawing or writing (changeable or secret pictures B44F 1/10)
13/16 . . Boxes from which figures jump
13/18 . . Toy swinging chairs; Rocking-figure toys
13/20 . . Toy roundabouts with moving figures; Toy models of fairs or the like, with moving figures (A63H 7/04 takes precedence)

15/00 Other gravity-operated toy figures
15/02 . Figures staggering down an inclined path by means of the gravity effect
15/04 . . Toy figures swinging about a point above the centre of gravity
15/06 . . Self-righting toys
15/08 . . Tumbling toy figures operated by balls enclosed therein
Toy vehicles; Toy engines

17/00 Toy vehicles, e.g. with self-drive; {convertible into other toys A63H 33/003; Cranes, winches or the like; Accessories therefor (traffic games with figures moved by players A63F 9/14)}

17/002 . [made of parts to be assembled]
17/004 . [Stunt-cars, e.g. lifting front wheels, roll-over or invertible cars]
17/006 . [Missile-launching means on toy vehicles]
17/008 . [Launching devices for motorless toy vehicles (start mechanisms for trackways A63H 18/026; for toy aircraft A63H 27/14)]
17/02 . convertible into other forms under the action of impact or shock, e.g. arrangements for imitating accidents
17/045 . shaped as armoured cars, tanks or the like
17/05 . Trucks; Lorries

Toy vehicles automatically steering or steered by program

2017/055 . . . (for agricultural use)
17/06 . with tipping bodies
17/08 . carrying a mechanically-raised ladder
17/10 . carrying a tank for transporting liquids
17/12 . with cranes, winches or the like
17/14 . Endless-track automobiles or trucks
17/16 . in the form of a bicycle, with or without riders thereon
17/18 . Tricycles, e.g. with moving figures
17/21 . shaped as motorcycles with or without figures
17/22 . Scooters with driver figure propelled by their wheels or by movement of the figure
17/24 . shaped as sledges, sleighs, or bobseleighs with or without figures
17/25 . Other wheeled vehicles with moving figures {toy figures moving together with toy vehicles, led or propelled by the user, A63H 7/04; self-movable toy figures driven by wheeled undercarriages A63H 11/10)
Toy aircraft; Other flying toys (toys with parachutes A63H 33/20) ; Starting or launching devices therefor

27/001 . (Making or assembling thereof, e.g. by folding)
27/002 . (Means for manipulating kites or other captive flying toys, e.g. kite-reels (reels in general B65H 75/00))
27/004 . (Means for launching objects from aircraft, e.g. pilot, missiles)
27/005 . (Rockets; Missiles)
27/007 . (Collapsible wings, e.g. for catapult aeroplanes)
27/008 . (Propelled by flapping of wings (driving mechanisms with extensible rubber bands for toys in general A63H 29/18))
27/009
27/02 . (Model aircraft)
27/04 . Captive toy aircraft
27/06 . (Jet-propelled flying toys, e.g. aeroplanes (A63H 27/04, A63H 27/12 take precedence))
27/08 . Kites (kite-sails or kite-wings specially adapted for water sports boards B63H 8/10; kite-sails for wind propelled vessels B63H 9/069)

WARNING

Groups A63H 27/08 - A63H 27/087 are impacted by reclassification into groups B63H 8/10 - B63H 8/18, B63H 8/23, B63H 8/25, B63H 8/50 - B63H 8/70 and B63H 9/068 - B63H 9/072.

All groups listed in this Warning should be considered in order to perform a complete search.

27/082 . . . (Rotary kites; Kites provided with rotary parts)
27/085 . . . (Inflatable kites)
27/087 . . . (Means for launching objects along the kite string, e.g. with parachutes)
27/10 . Balloons (connection of valves to inflatable elastic bodies B60C 29/00; other than toy aspects B64B 1/40))

2027/1008 . . . (Anchoring means or weights)
2027/1016 . . . (combined with candy or other food items)
2027/1025 . . . (Fabrication methods or special materials therefor)
2027/1033 . . . (Inflation devices or methods for inflating balloons)
2027/1041 . . . (Holding or sealing means, e.g. handling rods, clamps or plugs)
2027/105 . . . (Knotting means)
2027/1058 . . . (associated with light or sound)

2027/1066 . . . (Having means to guide movement, e.g. propeller or wings)
2027/1075 . . . (Special shapes or constructions (for aircraft type balloons A63H 2027/1066))
2027/1083 . . . (Valves or nozzles)
2027/1091 . . . (with object inserted within; Means or methods for insertion of objects)
27/12 . (Helicopters (A63H 27/04 takes precedence); Flying tops)
27/14 . Starting or launching devices for toy aircraft; Arrangements on toy aircraft for starting or launching (for launching objects from an aircraft A63H 27/004))

Driving or controlling toys, e.g. toy vehicles

29/00 Drive mechanisms for toys in general
29/02 . Clockwork mechanisms
29/04 . . . Helical-spring driving mechanisms
29/06 . . . Other elements therefor
29/08 . . . Driving mechanisms actuated by balls or weights
29/10 . . . Driving mechanisms actuated by flowing media
29/12 . . by a sand stream
29/14 . . by a water stream
29/16 . . by steam or compressed air
29/165 . . . (jet-propelled)
29/18 . . . Driving mechanisms with extensible rubber bands
29/20 . . . Flywheel driving mechanisms
29/22 . . . Electric drives (power supply through track A63H 18/12)
29/24 . . . Details or accessories for drive mechanisms, e.g. means for winding-up or starting toy engines

30/00 Remote-control arrangements specially adapted for toys, e.g. for toy vehicles (steering mechanisms for toy vehicles A63H 17/36; for model railways A63H 19/24; A63H 19/28)
30/02 . Electrical arrangements (transformers H01F; converters H02M)
30/04 . . . using wireless transmission
30/06 . . . Hydraulic or pneumatic arrangements

31/00 Gearing for toys (gearing in general F16H)
31/02 . . . Screw-spindle mechanisms
31/04 . . . Friction mechanisms
31/06 . . . Belt or string gear
31/08 . . . Gear-control mechanisms; Gears for imparting a reciprocating motion
31/10 . . . Gearing mechanisms actuated by movable wires enclosed in flexible tubes

33/00 Other toys
33/001 . . . (Toy-moulding appliances; Toy moulding)
33/002 . . . (Devices for converting reciprocal or vibratory motion into rotary motion, e.g. for propellers)
33/003 . . . (Convertible toys, e.g. robots convertible into rockets or vehicles convertible into planes)
33/004 . . . (made of fabrics or stuffed)
33/005 . . . (Motorised rolling toys)
33/006 . . . (Infant exercisers, e.g. for attachment to a crib)
33/007 . . . (Push or pull wheels, e.g. with movable parts other than toy figures driven by the wheels (A63H 33/02 takes precedence; for driving movable toy figures A63H 7/04))
Driving or controlling toys, e.g. toy vehicles

33/008 . [Playhouses, play-tents, big enough for playing inside]
33/009 . [Toy swords or similar toy weapons; Toy shields]
33/02 . Toy hoops (i.e. rings to be rolled by separate sticks); Sticks for propelling
33/04 . Building blocks, strips, or similar building parts
33/042 . [Mechanical, electrical, optical, pneumatic or hydraulic arrangements; Motors]
33/044 . [Buildings]
33/046 . [comprising magnetic interaction means, e.g. holding together by magnetic attraction]
33/048 . [to be assembled using hook and loop-type fastener or the like]
33/06 . to be assembled without the use of additional elements
33/062 . . [with clip or snap mechanisms]
33/065 . . [using elastic deformation (A63H 33/062 takes precedence)]
33/067 . . [with rotation or translation, e.g. of keyhole or bayonet type]
33/08 . . provided with complementary holes, grooves, or protuberances, e.g. dovetails
33/082 . . . [with dovetails]
33/084 . . . [with grooves (dovetails A63H 33/082)]
33/086 . . . [with primary projections fitting by friction in complementary spaces between secondary projections, e.g. sidewalks]
33/088 . . . [with holes (A63H 33/062, A63H 33/065 take precedence)]
33/10 . . to be assembled by means of additional non-adhesive elements
33/101 . . . [with clip or snap mechanism]
33/102 . . . [using elastic deformation (A63H 33/101 takes precedence)]
33/103 . . . [with wires, springs, suction cups, telescopic elements]
33/105 . . . [with grooves, e.g. dovetails]
33/106 . . . [with rotation, e.g. of bayonet type]
33/107 . . . [using screws, bolts, nails, rivets, clamps]
33/108 . . . [with holes (A63H 33/101, A63H 33/102 and A63H 33/107 take precedence)]
33/12 . . . Perforated strips or the like assembled by rods, bolts, or the like
33/14 . . . specially adapted to be assembled by adhesive or cement
33/16 . . Models made by folding paper
33/18 . . Throwing or slinging toys, (e.g. flying disc toys (disks used in athletics A63B 65/10)) (as part of a game A63F 9/02; sling weapons F41B 3/00; spring toy guns F41B 7/08)
33/185 . . . [Aerial toy rotating automatically when descending under gravity]
33/20 . . Toys with parachutes; Toy parachutes [(A63H 27/004, A63H 27/005, and A63H 27/087 take precedence; parachutes for aeronautics B64D 17/00)]
33/22 . . Optical, colour, or shadow toys ([puzzles with optical elements A63F 9/0613]; kaleidoscopes G02B 27/08)
33/26 . . Magnetic or electric toys (electric drives A63H 29/22; indoor games played with small balls using magnetic power A63F 7/0088, A63F 7/0089)
33/28 . . Soap-bubble toys; Smoke toys (blowing smoke rings A24F 13/30)
33/30 . . Imitations of miscellaneous apparatus not otherwise provided for, e.g. telephones, weighing-machines, cash-registers (savings boxes A45C 1/12; toy ticket punches G07B 9/02)
33/3005 . . [Cash-registers]
33/3011 . . [Weighing-machines]
33/3016 . . [Telephones]
33/3022 . . . [simulating liquid flow, e.g. nursing bottles (drinking, weeping, wetting dolls A63H 3/24)]
33/3027 . . . [Radio or television sets]
33/3033 . . . [simulating driving; Accessories therefor, e.g. steering wheels]
33/3038 . . . [Baths; Showers]
33/3044 . . . [Loading stations, e.g. with conveyors, elevators, cranes (cranes, winches or the like per se A63H 17/12)]
33/305 . . . [Vacuum-cleaners]
33/3055 . . . [Ovens, or other cooking means]
33/3061 . . . [Washing-machines]
33/3066 . . . [Watches or clocks]
33/3072 . . . [Tools or machine-tools]
33/3077 . . . [Typewriters]
33/3083 . . . [Printing machinery]
33/3088 . . . [Textile-machines (toy looms D03D 29/00)]
33/3094 . . . [Doctors’ instruments]
33/32 . . . Moulds, shapes, spades, or the like, for playing with sand
33/36 . . . Sparking toys
33/38 . . . Picture books with additional toy effects, e.g. pop-up or slide displays (picture books B42D 1/00)
33/40 . . . Windmills; Other toys actuated by air currents (driving mechanisms for toy figures or vehicles A63H 29/16)
33/42 . . . Toy models or toy scenery not otherwise covered (models or scenery for general purposes G09B)
33/425 . . . [Toy space systems, e.g. satellites, space ships]
37/00 . . . Jokes; Confetti, streamers, or other dance favours {; Cracker bonbons or the like}
37/005 . . . [Popper toys, i.e. disc-shaped toys which jump when snapping to their original shape after distortion]

Computerized interactive toys, e.g. dolls

2200/00