

# CPC COOPERATIVE PATENT CLASSIFICATION

## A HUMAN NECESSITIES

### PERSONAL OR DOMESTIC ARTICLES

#### A41 WEARING APPAREL

#### A41D OUTERWEAR; PROTECTIVE GARMENTS; ACCESSORIES

##### NOTE

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

- "outerwear" covers dressing-gowns, bathing costumes and pyjamas

##### WARNING

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 Garments** (for children [A41D 11/00](#))
- 1/002 . {adapted to accommodate electronic equipment (patients' garments for medical monitoring [A41D 13/1281](#); luminous ornaments [A41D 27/085](#))}
- 1/005 . . {with embedded cable or connector}
- 1/007 . {made by a helically or spirally wound material}
- 1/02 . Jackets {(anoraks [A41D 3/00](#))}
- 1/04 . Vests, jerseys, sweaters or the like
- 1/06 . Trousers
- 1/062 . . {leaving undergarment visible}
- 1/065 . . {with crotch line opening}
- 1/067 . . {with reinforcement patches}
- 1/08 . . specially adapted for sporting purposes

##### WARNING

Group [A41D 1/08](#) is impacted by reclassification into groups [A41D 1/085](#) and [A41D 1/089](#).

Groups [A41D 1/08](#), [A41D 1/085](#) and [A41D 1/089](#) should be considered in order to perform a complete search.

- 1/082 . . . for skiing
- 1/084 . . . for cycling
- 1/085 . . . for playing golf

##### WARNING

Group [A41D 1/085](#) is incomplete pending reclassification of documents from group [A41D 1/08](#).

Groups [A41D 1/08](#) and [A41D 1/085](#) should be considered in order to perform a complete search.

- 1/086 . . . for horse riding
- 1/088 . . . {with crotch reinforcement}

- 1/089 . . . Shorts

##### WARNING

Group [A41D 1/089](#) is incomplete pending reclassification of documents from group [A41D 1/08](#).

Groups [A41D 1/08](#) and [A41D 1/089](#) should be considered in order to perform a complete search.

- 1/10 . . Means for maintaining the crease
- 1/12 . . Means for hiding bandy legs
- 1/14 . Skirts
- 1/16 . . Hooped skirts; Crinolines
- 1/18 . Blouses
- 1/21 . Maternity clothing; Clothing specially adapted for persons caring for infants
- 1/215 . . Nursing clothing, e.g. for breastfeeding
- 1/22 . Clothing specially adapted for women, not otherwise provided for

- 3/00 Overgarments** (fur garments [A41D 5/00](#); for children [A41D 11/00](#); professional or sporting protective garments [A41D 13/00](#))

- 3/005 . {with pullover structure}
- 3/02 . Overcoats
- 3/04 . . Raincoats
- 3/06 . . . with leg-protecting means
- 3/08 . Capes

- 5/00 Fur garments; Garments of fur substitutes**

- 5/003 . {Garments of fur substitutes}
- 5/006 . {Accessories for fur garments, e.g. fur fasteners, artificial animal heads (fastening devices specially adapted for garments in general [A41F 1/00](#))}

- 7/00 Bathing gowns; Swim-suits, drawers, or trunks; Beach suits**

- 7/001 . {Non-sinkable swim-suits, drawers or trunks (life-saving equipment in water [B63C 9/08](#))}
- 7/003 . . {provided with inflatable elements}
- 7/005 . {Bathing drawers or trunks ([A41D 7/001](#) takes precedence)}
- 7/006 . {Beach clothing not designed for swimming}

- 7/008 . . {Beach capes or robes}
- 10/00 Pyjamas; Nightdresses**
- 11/00 Garments for children**
- 13/00 Professional, industrial or sporting protective garments, e.g. surgeons' gowns or garments protecting against blows or punches (helmets [A42B 3/00](#); clothing affording protection against chemical agents or for use at high altitudes [A62B 17/00](#); life-saving garments for use at sea, diving suits [B63C](#); bulletproof or armoured clothing [F41H](#); clothing affording protection against radiation [G21F 3/02](#))**
- 13/0002 . {Details of protective garments not provided for in groups [A41D 13/0007](#) - [A41D 13/1281](#)}
- 13/0005 . . {Joints}
- 13/0007 . {Garments with built-in harnesses (safety harnesses [A62B 35/00](#))}
- 13/001 . {Garments protecting against insects}
- 13/0012 . {Professional or protective garments with pockets for particular uses, e.g. game pockets or with holding means for tools or the like}
- 13/0015 . {Sports garments other than provided for in groups [A41D 13/0007](#) - [A41D 13/088](#)}
- WARNING**
- Group [A41D 13/0015](#) is impacted by reclassification into groups [A41D 31/18](#) and [A41D 31/185](#).
- Groups [A41D 13/0015](#), [A41D 31/18](#), and [A41D 31/185](#) should be considered in order to perform a complete search.
- 13/0017 . . {specially adapted for women}
- WARNING**
- Group [A41D 13/0017](#) is impacted by reclassification into groups [A41D 31/18](#) and [A41D 31/185](#).
- Groups [A41D 13/0017](#), [A41D 31/18](#), and [A41D 31/185](#) should be considered in order to perform a complete search.
- 13/002 . with controlled internal environment {(ventilating means [A41D 27/28](#))}
- 13/0025 . . {by means of forced air circulation}
- 13/005 . . with controlled temperature
- 13/0051 . . . {Heated garments (heated divers' suits [B63C 11/28](#))}
- 13/0053 . . . {Cooled garments}
- 13/0055 . . . . {by means of dry ice}
- 13/0056 . . . . {using evaporative effect}
- 13/0058 . . . {having pockets for heated or cooled elements}
- 13/008 . protecting against electric shocks or static electricity
- 13/01 . with reflective or luminous safety means {(visible signalling arrangements [G08B 5/00](#))}
- 13/012 . for aquatic activities, e.g. with buoyancy aids
- 13/0125 . . {with buoyancy aids}
- 13/015 . with shock-absorbing means ([A41D 13/05](#) takes precedence)
- 13/0151 . . {Shooting jackets with a recoil pad}
- 13/0153 . . {having hinged or separable parts}
- 13/0155 . . {having inflatable structure, e.g. non automatic}
- 13/0156 . . {having projecting patterns}
- 13/0158 . . {having ventilation features}
- 13/018 . . inflatable automatically
- 13/02 . Overalls ([sweating suits A61H 36/00](#))
- 13/04 . Aprons; Fastening devices for aprons
- 13/043 . . {Aprons resistant to mechanical aggressions, e.g. butcher's aprons}
- 13/046 . . {Aprons secured to the user by means of one or more split hoops of resilient material}
- 13/05 . protecting only a particular body part (ear protectors [A61F 11/06](#))
- 13/0506 . . {Hip}
- 13/0512 . . {Neck or shoulders area}
- 13/0518 . . {Chest}
- 13/0525 . . {Loin or waist area}
- 13/0531 . . {Spine}
- 13/0537 . . {Buttocks}
- 13/0543 . . {Legs (knee or foot [A41D 13/06](#); protectors for the legs of players or sportmen [A63B 71/1225](#))}
- 13/055 . . {Protector fastening, e.g. on the human body}
- 13/0556 . . . {with releasable fastening means}
- 13/0562 . . . . {with hook and loop fastener}
- 13/0568 . . . . {with straps}
- 13/0575 . . . . {in an openable pocket}
- 13/0581 . . . {with permanent fastening means}
- 13/0587 . . . . {Integral with the garment}
- 13/0593 . . . . {in a sealed pocket}
- 13/06 . . Knee or foot {(protectors for the legs of players or sportsmen [A63B 71/1225](#))}
- 13/065 . . . {Knee protectors}
- 13/08 . . Arm or hand (protective gloves [A41D 19/015](#) (; protectors for the hands of players or sportsmen [A63B 71/14](#)))
- 13/081 . . . {Hand protectors}
- 13/082 . . . . {especially for the inner part of the hand}
- 13/084 . . . . {especially for the outer part of the hand}
- 13/085 . . . . {with at least one hole for a handle or a stick}
- 13/087 . . . . {especially for fingers}
- 13/088 . . . . {especially for the wrist}
- 13/11 . . Protective face masks, e.g. for surgical use, or for use in foul atmospheres (eye-masks [A61F 9/04](#) (; hoods affording protection against heat or harmful chemical agents [A62B 17/04](#)))
- 13/1107 . . . {characterised by their shape}
- 13/1115 . . . . {with a horizontal pleated pocket}
- 13/1123 . . . . {with a duckbill configuration}
- 13/113 . . . . {with a vertical fold or weld}
- 13/1138 . . . . {with a cup configuration}
- 13/1146 . . . . . {obtained by moulding}
- 13/1153 . . . . {with a hood}
- 13/1161 . . . {Means for fastening to the user's head}
- 13/1169 . . . . {using adhesive}
- 13/1176 . . . . . {forming a complete seal at the edges of the mask}
- 13/1184 . . . {with protection for the eyes, e.g. using shield or visor}
- 13/1192 . . . {with antimicrobial agent}
- 13/12 . . Surgeons' or patients' gowns or dresses {(operating gloves [A61B 42/10](#))}
- 13/1209 . . {Surgeons' gowns or dresses}
- 13/1218 . . . {with head or face protection}
- 13/1227 . . . {with liquid-proof sleeves}

- 13/1236 . . {Patients' garments}
- 13/1245 . . . {for the upper part of the body}
- 13/1254 . . . {for the lower part of the body ([A41D 13/0506](#) takes precedence)}
- 13/1263 . . . {Suits}
- 13/1272 . . . {specially adapted for babies}
- 13/1281 . . . {with incorporated means for medical monitoring}
- 13/129 . . {Donning facilities, e.g. characterized by the opening}
- 15/00 Convertible garments**
  - 15/002 . {in their length}
  - 15/005 . {reversible garments}
  - 15/007 . {with bolero structure}
  - 15/02 . Skirts convertible into trousers
  - 15/04 . Garments convertible into other articles (for travelling or camp articles [A45F 4/00](#))
- 17/00 Gaiters; Spats**
  - 17/005 . {Fastening means for gaiters}
  - 17/02 . Leggings
  - 17/04 . Puttees
- 19/00 Gloves** (brush bodies shaped as gloves [A46B 5/04](#); gloves for washing the body [A47K 7/02](#); gloves for domestic washing or cleaning [A47L 13/18](#); surgical gloves [A61B 42/10](#); swimming gloves [A63B 31/02](#); as accessories for games or sports, e.g. baseball, boxing or golf gloves [A63B 71/14](#); gloves for glove-boxes [B25J 1/02](#))
  - 19/0003 . {with ambidextrous shape}
  - 19/0006 . {made of several layers of material}
  - 19/001 . {Linings}
  - 19/0013 . {with openings, e.g. for the nails or for exposing jewellery}
  - 19/0017 . . {with slits for the fingers or part of the hand}
  - 19/002 . {with pockets}
  - 19/0024 . {with accessories}
  - 19/0027 . . {Measuring instruments, e.g. watch, thermometer}
  - 19/0031 . . {Whistles or other warning devices}
  - 19/0034 . {Retaining means}
  - 19/0037 . . {for fastening an article to the glove}
  - 19/0041 . . {for connecting the glove to the garment or the arm of the user}
  - 19/0044 . {Cuff portions}
  - 19/0048 . . {with cuff securing features}
  - 19/0051 . {Decorations}
  - 19/0055 . {Plastic or rubber gloves}
  - 19/0058 . . {Three-dimensional gloves}
  - 19/0062 . . . {made of one layer of material}
  - 19/0065 . . . {with a textile layer underneath}
  - 19/0068 . . {Two-dimensional gloves, i.e. obtained by superposition of two sheets of material}
  - 19/0072 . . . {made of one layer of material}
  - 19/0075 . . {permitting handling and containing of waste materials}
  - 19/0079 . . {with channels for conveying fluids}
  - 19/0082 . . {Details}
  - 19/0086 . . . {Nail-like attachments}
  - 19/0089 . . . {Joints between glove and cuff or garment}
  - 19/0093 . . . {Retaining means, e.g. loops for hanging the gloves}
  - 19/0096 . . . {Means for resisting mechanical aggressions, e.g. cutting or piercing}
  - 19/01 . . with undivided covering for all four fingers, i.e. mittens ([A41D 19/0055](#), [A41D 19/015](#) take precedence)
  - 19/015 . . Protective gloves ([A41D 19/0055](#) takes precedence)}
  - 19/01505 . . {resistant to mechanical aggressions, e.g. cutting, piercing}
  - 19/01511 . . . {made of wire-mesh, e.g. butchers' gloves}
  - 19/01517 . . . {with protection against crushing, e.g. of the finger tips}
  - 19/01523 . . {absorbing shocks or vibrations}
  - 19/01529 . . {with thermal or fire protection}
  - 19/01535 . . . {Heated gloves}
  - 19/01541 . . . {Cooled gloves}
  - 19/01547 . . {with grip improving means}
  - 19/01552 . . . {using hooks and loops fastening system}
  - 19/01558 . . . {using a layer of grip improving material ([A41D 19/01552](#) takes precedence)}
  - 19/01564 . . . . {using strips of material}
  - 19/0157 . . {with luminous or reflective means (protective garments with reflective or luminous safety means [A41D 13/01](#))}
  - 19/01576 . . {made of a patchwork of different materials}
  - 19/01582 . . {with means to restrain or support the hand}
  - 19/01588 . . . {including rigid elements}
  - 19/01594 . . {with accessories, e.g. tools, receptacles}
  - 19/02 . . Arrangements for cutting-out, or shapes of, glove blanks
  - 19/04 . . Appliances for making gloves; Measuring devices for glove-making
  - 19/043 . . {Glove-turning machines (turning inside-out of tubular articles [D06G 3/00](#))}
  - 19/046 . . {Measuring devices for glove-making}
  - 20/00 Wristbands or headbands, e.g. for absorbing sweat**
    - 20/005 . {with cooling effect}
  - 23/00 Scarves; Head-scarves; Neckerchiefs**
    - 2023/002 . {with cooling effect}
    - 2023/004 . {made of different sections}
  - 25/00 Neckties**
    - 25/001 . {Making neckties}
    - 25/003 . {Neckties provided with holding devices, e.g. button holes or loops for securing them to a shirt or for holding the two ends of the necktie}
    - 25/005 . {made of different sections}
    - 25/006 . {Protectors therefor}
    - 25/008 . {using a slide fastener to adjust the neck loop}
    - 25/02 . with ready-made knot or bow, with or without bands
    - 25/022 . . {with knot simulated by a ring or the like}
    - 25/025 . . {Means for forming the knot or bow, e.g. combined with means for holding the tie}
    - 25/027 . . {Means for holding the necktie ([A41D 25/025](#) takes precedence)}
    - 25/04 . . {Bands}; Fastening devices for the bands
    - 25/06 . with knot, bow or like tied by the user
    - 25/08 . . Means for forming or tying the knot, or the like
    - 25/10 . . Means for holding the knot, or the like
    - 25/12 . . . attachable to the collar or stud
    - 25/14 . . Means for forming and holding simultaneously
    - 25/16 . . Linings; Stiffening-pieces

- 27/00 Details of garments or of their making (buttons, pins, buckles, slide fasteners or the like [A44B](#))**
- 27/02 . Linings
  - 27/04 . . Removable linings
  - 27/06 . . Stiffening-pieces
  - 27/08 . Trimmings; Ornaments
  - 27/085 . . {Luminous ornaments}
  - 27/10 . Sleeves; Armholes
  - 27/12 . Shields or protectors
  - 27/13 . . Under-arm shields
  - 27/133 . . . {Self-adhering on the skin}
  - 27/136 . . . {Secured by straps}
  - 27/14 . . on the underedge of the garment
  - 27/145 . . . {Piping edges; Protectors for the edges of trouser legs}
  - 27/16 . . Collar-shields
  - 27/18 . Cloth collars
  - 27/20 . Pockets; Making or setting-in pockets
  - 27/201 . . {Pocket closures}
  - 27/202 . . . {with flap-sealed slide fastener}
  - 27/204 . . {Making or setting-in pockets (machines or appliances for folding the edges of pockets while manufacturing [A41H 33/00](#))}
  - 27/205 . . {Pockets adapted to receive a mobile phone or other electronic equipment}
  - 27/207 . . {with drop-proof features}
  - 27/208 . . {with waterproof feature}
  - 27/22 . Loops or hooks for hanging-up (with locking devices [E05B 69/00](#))
  - 27/24 . Hems; Seams
  - 27/245 . . {made by welding or gluing (joining of plastics by welding or gluing [B29C 65/00](#); sewing machines for concurrently making thread and welded seams [D05B 17/00](#); thermal or chemical fixing of seams and hems [D06M](#))}
  - 27/26 . Shoulder-pads; Hip-pads; Bustles
  - 27/28 . Means for ventilation
  - 27/285 . . {with closure adjustment}
- 29/00 Uniforms; Parts or accessories of uniforms**
- 31/00 Materials specially adapted for outerwear**
- 31/0005 . {made from a plurality of interconnected elements ([A41D 31/04](#) takes precedence)}
  - 31/02 . Layered materials (characterised by special function or use [A41D 31/04](#))

**WARNING**

Group [A41D 31/02](#) is impacted by reclassification into groups [A41D 31/04](#), [A41D 31/102](#), [A41D 31/125](#), [A41D 31/145](#), and [A41D 31/185](#).

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

- 31/04 . characterised by special function or use { (protective clothing affording protection against heat or harmful chemical agents [A62B 17/00](#); composition of materials for clothing affording protection against harmful chemical agents [A62D 5/00](#))}

**WARNING**

Group [A41D 31/04](#) is incomplete pending reclassification of documents from group [A41D 31/02](#).

Group [A41D 31/04](#) is also impacted by reclassification into groups [A41D 31/10](#), [A41D 31/102](#), [A41D 31/12](#), [A41D 31/14](#), [A41D 31/18](#), [A62B 17/00](#), [A62B 17/001](#), [A62B 17/003](#), [A62B 17/005](#), [A62B 17/006](#), [A62B 17/008](#), [A62B 17/04](#), and [A62B 17/08](#).

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

- 31/06 . . Thermally protective, e.g. insulating
- 31/065 . . . {using layered materials}
- 31/08 . . Heat resistant; Fire retardant
- 31/085 . . . {using layered materials}
- 31/10 . . Impermeable to liquids, e.g. waterproof; Liquid repellent

**WARNING**

Group [A41D 31/10](#) is incomplete pending reclassification of documents from group [A41D 31/04](#).

Groups [A41D 31/04](#) and [A41D 31/10](#) should be considered in order to perform a complete search.

- 31/102 . . . Waterproof and breathable

**WARNING**

Group [A41D 31/102](#) is incomplete pending reclassification of documents from groups [A41D 31/02](#), [A41D 31/04](#), and [A41D 31/14](#).

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

- 31/12 . . Hygroscopic; Water retaining

**WARNING**

Group [A41D 31/12](#) is incomplete pending reclassification of documents from group [A41D 31/04](#).

Groups [A41D 31/04](#) and [A41D 31/12](#) should be considered in order to perform a complete search.

- 31/125 . . . {Moisture handling or wicking function through layered materials}

**WARNING**

Group [A41D 31/125](#) is incomplete pending reclassification of documents from group [A41D 31/02](#).

Groups [A41D 31/02](#) and [A41D 31/125](#) should be considered in order to perform a complete search.

- 31/14 . . Air permeable, i.e. capable of being penetrated by gases ([waterproof and breathable A41D 31/102](#))

**WARNING**

Group [A41D 31/14](#) is incomplete pending reclassification of documents from group [A41D 31/04](#).

Group [A41D 31/14](#) is also impacted by reclassification into groups [A41D 31/145](#) and [A41D 31/102](#).

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

- 31/145 . . . {using layered materials}

**WARNING**

Group [A41D 31/145](#) is incomplete pending reclassification of documents from groups [A41D 31/02](#) and [A41D 31/14](#).

Groups [A41D 31/02](#), [A41D 31/14](#), and [A41D 31/145](#) should be considered in order to perform a complete search.

- 31/18 . . Elastic

**WARNING**

Group [A41D 31/18](#) is incomplete pending reclassification of documents from groups [A41D 13/0015](#), [A41D 13/0017](#), and [A41D 31/04](#).

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

- 31/185 . . . {using layered materials}

**WARNING**

Group [A41D 31/185](#) is incomplete pending reclassification of documents from groups [A41D 13/0015](#), [A41D 13/0017](#), and [A41D 31/02](#).

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

- 31/24 . . Resistant to mechanical stress, e.g. pierce-proof {(aprons resistant to mechanical aggressions [A41D 13/043](#))}

- 31/245 . . . {using layered materials}

- 31/26 . . Electrically protective, e.g. preventing static electricity or electric shock

- 31/265 . . . {using layered materials}

- 31/28 . . Shock absorbing

- 31/285 . . . {using layered materials}

- 31/30 . . Antimicrobial, e.g. antibacterial

**WARNING**

Group [A41D 31/30](#) is impacted by reclassification into group [A41D 31/305](#).

Groups [A41D 31/30](#) and [A41D 31/305](#) should be considered in order to perform a complete search.

- 31/305 . . . {using layered materials}

**WARNING**

Group [A41D 31/305](#) is incomplete pending reclassification of documents from group [A41D 31/30](#).

Groups [A41D 31/30](#) and [A41D 31/305](#) should be considered in order to perform a complete search.

- 31/32 . . Retroreflective

- 31/325 . . . {using layered materials}

**2200/00 Components of garments**

- 2200/10 . Belts

- 2200/20 . Hoods

**2300/00 Details of garments**

- 2300/20 . Inserts

- 2300/22 . . Elastic inserts

- 2300/24 . . Folded inserts

- 2300/30 . Closures

- 2300/32 . . using hook and loop-type fasteners

- 2300/322 . . using slide fasteners

- 2300/324 . . using snap fasteners

- 2300/326 . . using hooks and eyelets

- 2300/328 . . using adhesive

- 2300/33 . . using straps or ties

- 2300/332 . . using elastic bands

- 2300/50 . Seams

- 2300/52 . . made by welding or gluing

**2400/00 Functions or special features of garments**

- 2400/10 . Heat retention or warming

- 2400/12 . . using temperature-controlled means

- 2400/14 . . inflatable

- 2400/24 . Reducing drag or turbulence in air or water

- 2400/26 . UV light protection

- 2400/28 . UV light permeability

- 2400/32 . Therapeutic use

- 2400/322 . . Massage

- 2400/324 . . Acupuncture

- 2400/36 . Deoderising or perfuming

- 2400/38 . Shaping the contour of the body or adjusting the figure

- 2400/42 . Foldable

- 2400/422 . . into a pocket

- 2400/424 . . forming a belt

- 2400/44 . Donning facilities

- 2400/46 . Storage or supply of water for drinking purposes

- 2400/48 . Carrying facilities

- 2400/482 . . for babies

- 2400/52 . Disposable

- 2400/70 . Removability

- 2400/72 . . from the top of a stack of removable layers

- 2400/80 . Friction or grip reinforcement

- 2400/82 . . with the body of the user

**2500/00 Materials for garments**

- 2500/10 . Knitted

- 2500/20 . Woven

- 2500/30 . Non-woven

- 2500/40 . Papers

- 2500/50 . Synthetic resins or rubbers

## A41D

- 2500/52 . . in sheet form
- 2500/54 . . in coated form

### **2600/00** Uses of garments specially adapted for specific purposes

- 2600/10 . for sport activities
- 2600/102 . . Motorcycling
- 2600/104 . . Cycling
- 2600/106 . . Fishing
- 2600/108 . . Hunting
- 2600/20 . for working activities
- 2600/202 . . Welding