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
1/082 . . for skiing
1/084 . . for cycling
1/085 . . for playing golf
1/086 . . for horse riding
1/088 . . [with crotch reinforcement]
1/089 . . Shorts
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]
A41D

13/0015 . . . [Sports garments other than provided for in groups A41D 13/0015 - 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 . . . [Buttsocks]

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 sportmen A63B 71/1225)

13/065 . . . . . . [Knee protectors]

13/08 . . . Arm or hand (protective gloves A41D 19/015 ; protectors for the hands of players or sportmen 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 protection]

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
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)

(With undivided covering for all four fingers, i.e. mittens (A14D 19/0055), A14D 19/015 (take precedence)

Protective gloves (A14D 19/0055 takes precedence)

Resistant to mechanical aggressions, e.g. cutting, piercing

Made of wire-mesh, e.g. butchers’ gloves

With protection against crushing, e.g. of the finger tips

Absorbing shocks or vibrations

With thermal or fire protection

Heated gloves

Cooled gloves

With grip improving means

Using hooks and loops fastening system

Using a layer of grip improving material (A14D 19/01552 takes precedence)

Using strips of material

With luminous or reflective means (protective garments with reflective or luminous safety means A14D 13/01)

Made of a patchwork of different materials

With means to restrain or support the hand

Including rigid elements

With accessories, e.g. tools, receptacles

Arrangements for cutting-out, or shapes of, glove blanks

Appliances for making gloves; Measuring devices for glove-making

Glove-turning machines (turning inside-out of tubular articles D06G 3/00)

Measuring devices for glove-making

Wristbands or headbands, e.g. for absorbing sweat

With cooling effect

Scarfes; Head-scarves; Neckerchiefs

Made of different sections

Neckties

Making neckties

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

Made of different sections

Protectors therefor

Using a slide fastener to adjust the neck loop

With ready-made knot or bow, with or without bands

With knot simulated by a ring or the like

Means for forming the knot or bow, e.g. combined with means for holding the tie

Means for holding the necktie (A14D 25/025 takes precedence)

Bands; Fastening devices for the bands

With knot, bow or like tied by the user

Means for forming or tying the knot, or the like

Means for holding the knot, or the like

Attachable to the collar or stud

Means for forming and holding simultaneously

Linings; stiffening-pieces

Details of garments or of their making (buttons, pins, buckles, slide fasteners or the like A44B)

Linings

Removable linings

Stiffening-pieces

Trimmings; ornaments

Luminous ornaments

Sleeves; armholes

Shields or protectors

Under-arm shields

Self-adhering on the skin

Secured by straps

On the underedge of the garment

Piping edges; Protectors for the edges of trouser legs

Collar-shields

Cloth collars

Pockets: Making or setting-in pockets

Pocket closures

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

27/27 . . Means for ventilation

27/28 . . (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 31/10, 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.

31/04 . . characterised by special function or use (protective clothing affording protection against heat or harmful chemical agents or for use at high altitudes A62B 17/00; composition of materials for coverings or clothing affording protection against harmful chemical agents A62D 5/00)

WARNING

Group A41D 31/04 is impacted by reclassification of documents from group A41D 31/10.

Group A41D 31/04 is also impacted by reclassification into groups A41D 31/10, 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.
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.

31/18 . . . 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

{approns 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 . . . Deodourising 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

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

2600/204 . . . parking signal

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