

CPC COOPERATIVE PATENT CLASSIFICATION

A HUMAN NECESSITIES

PERSONAL OR DOMESTIC ARTICLES

A42 HEADWEAR

A42B HATS; HEAD COVERINGS (headbands [A41D 20/00](#); head-scarves [A41D 23/00](#))

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.}

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|-------------|--|-------------|---|
| 1/00 | Hats; Caps; Hoods | 1/08 | . . with protection against blows |
| 1/002 | . External devices or supports adapted to retain the shape of hats, caps or hoods (for changing the size A42C 3/00) | 1/10 | . . . Miners' caps |
| 1/004 | . Decorative arrangements or effects | 1/12 | . . Bathing caps |
| 1/006 | . convertible or adaptable for uses other than as headgear | 1/14 | . Straw hats; Substitutes therefor |
| 1/008 | . with means for heating or cooling (ventilating arrangements for head coverings A42C 5/04) | 1/16 | . Millinery |
| 1/009 | . with means for light reflection | 1/18 | . Coverings for protecting hats, caps or hoods against dust, rain, or sunshine |
| 1/011 | . Arrangements for deodorising or perfuming | 1/201 | . Collapsible or foldable |
| 1/012 | . Sanitary or disposable, e.g. for use in hospitals or food industry | 1/203 | . Inflatable |
| 1/014 | . specially adapted for protection against insects | 1/205 | . made of separable parts |
| 1/017 | . specially adapted for promoting health, e.g. with means for pressing on acupuncture points | 1/206 | . Transformable, convertible or reversible hats (for uses other than as headgear A42B 1/006) |
| 1/0175 | . . using magnets | 1/208 | . made from a flat sheet |
| 1/018 | . with means for protecting the eyes, ears or nape, e.g. sun or rain shields; with air-inflated pads or removable linings | 1/22 | . adjustable in size {; Form-fitting or self adjusting head coverings; Devices for reducing hat size} |
| 1/0181 | . . with means for protecting the eyes | 1/225 | . . {with openings for hair} |
| 1/0182 | . . . Peaks or visors | 1/24 | . with means for attaching articles thereto, e.g. memorandum tablets or mirrors |
| 1/0183 | with stiffening means | 1/241 | . . Pockets therefor; Head coverings with pockets |
| 1/0184 | detachable or movable, e.g. rotatable | 1/242 | . . Means for mounting detecting, signalling or lighting devices |
| 1/0185 | extendable, e.g. telescopic | 1/244 | . . . Means for mounting lamps |
| 1/0186 | . . with means for protecting the ears or nape | 1/245 | . . Means for mounting audio or communication systems |
| 1/0187 | . . . Removable protection for the nape, e.g. sun or rain shields | 1/247 | . . Means for attaching eyewear (arrangements for supporting by headgear G02C 3/02) |
| 1/0188 | . . . Protection for the ears, e.g. removable ear muffs | 1/248 | . . Insignia, logos, emblems or the like |
| 1/0189 | . . Linings | 3/00 | Helmets; Helmet covers {; Other protective head coverings} ([hoods for welders A61F 9/06;] defence protection helmets F41H 1/04) |
| 1/019 | . characterised by their material | 3/003 | . {Helmet covers} |
| 1/0192 | . . Paper; Cardboard | 3/006 | . {Means for transporting or storing helmets} |
| 1/0195 | . . Antimicrobial or antibacterial | 3/04 | . Parts, details or accessories of helmets |
| 1/02 | . Hats; Stiff caps | 3/0406 | . . {Accessories for helmets} |
| 1/04 | . Soft caps; Hoods | 3/0413 | . . . {Anti-theft arrangements (supporting arrangements specially adapted for fastening helmets B62J 11/24 ; locks E05)} |
| 1/041 | . . Peakless soft head coverings, e.g. turbans or berets (A42B 1/045 , A42B 1/046 take precedence) | 3/042 | . . . {Optical devices (night vision goggles G02B 23/12)} |
| 1/045 | . . fastened under the chin, e.g. bonnets (millinery A42B 1/16) | 3/0426 | {Rear view devices or the like} |
| 1/046 | . . Balaclavas | 3/0433 | {Detecting, signalling or lighting devices} |
| 1/048 | . . Detachable hoods | 3/044 | {Lighting devices, e.g. helmets with lamps} |
| 1/049 | . . Nightcaps (hair nets or hair-protecting caps A45D 8/40) | 3/0446 | {intended to light the way ahead} |
| 1/06 | . . Caps with flaps; Motoring caps | 3/0453 | {Signalling devices, e.g. auxiliary brake or indicator lights} |

- 3/046 {Means for detecting hazards or accidents}
- 3/0466 {Means for detecting that the user is wearing a helmet}
- 3/0473 {Neck restraints}
- 3/048 {Hydration systems}
- 3/0486 {Airbags}
- 3/0493 . . {Aerodynamic helmets; Air guiding means therefor}
- 3/06 . . Impact-absorbing shells, e.g. of crash helmets
- 3/061 . . . {External coatings, e.g. with light reflective material (helmet covers [A42B 3/003](#))}
- 3/062 {with reinforcing means}
- 3/063 {using layered structures}
- 3/064 {with relative movement between layers}
- 3/065 {Corrugated or ribbed shells}
- 3/066 . . . {specially adapted for cycling helmets, e.g. for soft shelled helmets}
- 3/067 {with damage indication means}
- 3/068 {with preferential fracture zones}
- 3/069 {with soft external layer, e.g. for use in impact sports}
- 3/08 . . Chin straps or similar retention devices
- 3/085 {Occipital retention systems}
- 3/10 . . Linings ([A42B 3/16](#) takes precedence)
- 3/105 . . . {with additional protection for the neck (protective garments for neck or shoulder area [A41D 13/0512](#))}
- 3/12 . . . Cushioning devices
- 3/121 {with at least one layer or pad containing a fluid}
- 3/122 {inflatable}
- 3/124 {with at least one corrugated or ribbed layer}
- 3/125 {with a padded structure, e.g. foam}
- 3/127 {with removable or adjustable pads}
- 3/128 {with zones of different density}
- 3/14 . . . Suspension devices
- 3/142 {with restraining or stabilizing means, e.g. nape straps ([A42B 3/085](#) takes precedence)}
- 3/145 {Size adjustment devices}
- 3/147 {Anchoring means}
- 3/16 . . Ear protection devices
- 3/163 . . . {Wind or noise deflectors}
- 3/166 . . . {Integral hearing protection}
- 3/18 . . Face protection devices
- 3/185 . . . {Securing goggles or spectacles on helmet shells}
- 3/20 . . . Face guards, e.g. for ice hockey ([A42B 3/22](#) takes precedence)
- 3/205 {Chin protectors}
- 3/22 . . . Visors
- 3/221 {Attaching visors to helmet shells, e.g. on motorcycle helmets}
- 3/222 {in an articulated manner, e.g. hinge devices}
- 3/223 {with means for locking the visor in a fully open, intermediate or closed position}
- 3/224 {with electrical actuation means}
- 3/225 {with full face protection, e.g. for industrial safety applications}
- 3/226 {with sunscreens, e.g. tinted or dual visor}
- 3/227 {with sun visors, e.g. peaks above face opening}
- 3/228 {for military or aviation applications (protection helmets [F41H 1/04](#); breathing masks or helmets [A62B 18/00](#))}
- 3/24 with means for avoiding fogging or misting
- 3/245 {using means for heating, e.g. electric heating of the visor}
- 3/26 with cleaning means, e.g. wipers (; Movable or interchangeable vision films or sheets)
- 3/28 . . Ventilating arrangements ([A42B 3/24](#) takes precedence)
- 3/281 {Air ducting systems}
- 3/283 {Air inlets or outlets, with or without closure shutters}
- 3/285 {with additional heating or cooling means}
- 3/286 {with forced flow, e.g. by a fan}
- 3/288 {with means for attaching respirators or breathing masks}
- 3/30 . . Mounting radio sets or communication systems
- 3/303 . . . {Communication between riders or passengers}
- 3/306 . . . {Audio entertainment systems}
- 3/32 . . Collapsible helmets; Helmets made of separable parts (; Helmets with movable parts, e.g. adjustable)
- 3/322 . . . {Collapsible helmets}
- 3/324 . . . {Adjustable helmets}
- 3/326 . . . {Helmets with movable or separable chin or jaw guard}
- 3/328 . . . {with means to facilitate removal, e.g. after an accident}
- 5/00 Veils; Holders for veils**
- 7/00 Fastening means for head coverings; Elastic cords; Ladies' hat fasteners ([hat-pins A44B 9/06](#))**