

## ECLA EUROPEAN CLASSIFICATION

### A42B HATS; HEAD COVERINGS ([headbands](#), [head-scarves](#) [A41D20/00](#), [A41D23/00](#))

#### A42B1/00 Hats; Caps; Hoods

- A42B1/00B . [N: Devices or supports adapted to retain the shape of hats (for changing the size [A42C3/00](#))] [N9510]
- A42B1/00C . [N: with special decorative arrangements or effects] [N1106]
- A42B1/00D . [N: convertible or adapted for other uses] [N9611] [C1106]
- A42B1/00F . [N: Head coverings with environmental control, e.g. for heating or cooling (ventilating arrangements for head coverings [A42C5/04](#))] [N0903]
- A42B1/02 . Hats; Stiff caps
- A42B1/04 . Soft caps; Hoods
- A42B1/04B . . [N: Generally peakless soft head coverings, e.g. turbans, berets ([A42B1/04C](#), [A42B1/04D](#) take precedence)] [N9611]
- A42B1/04B2 . . . [N: for use in hospital or food industries, e.g. sanitary or disposable caps] [N9611]
- A42B1/04C . . [N: fastened under the chin, e.g. bonnets] [N9611]
- A42B1/04D . . [N: Balaclavas or the like] [N9611]
- A42B1/04E . . [N: characterised by hoods being attachable to garments] [N0903]
- A42B1/06 . . Caps with flaps; Motoring caps; Caps with means for protecting the eyes, ears, or nape of neck (ear and nape protecting devices in general [A41D](#)); Caps with airpads or removable linings
- A42B1/06B . . . [N: Caps or soft head coverings with means for protecting the eyes; Uniform caps] [N9611]
- A42B1/06B2 . . . . [N: Peaks; Visors] [N9611]
- A42B1/06B2B . . . . . [N: with stiffening means] [N0903]
- A42B1/06B2C . . . . . [N: detachable or movable, e.g. rotatable] [N0903]
- A42B1/06B2D . . . . . [N: extensible or telescopic] [N0903]
- A42B1/06C . . . [N: Caps or soft head coverings with means for protecting the ears or nape of neck; Caps with flaps; Motoring caps] [N9611]
- A42B1/06C2 . . . . [N: with removable protection of the nape of neck, e.g. sun or rain shields] [N9611]
- A42B1/06C4 . . . . [N: with additional protection for the ears; Removable ear muffs] [N9611]
- A42B1/06D . . . [N: Linings] [N9611]
- A42B1/08 . . with protection against blows (head-guards for sporting purposes [A63B71/10](#))
- A42B1/10 . . . Miners` caps [N: ([A42B3/04](#) takes precedence)]
- A42B1/12 . . Bathing caps [C1106]
- A42B1/14 . Straw hats; Substitutes therefor

- A42B1/16 . Ladies` millinery
- A42B1/18 . with coverings for protecting against dust, rain, or sunshine
- A42B1/20 . Collapsible hats; Hats made of separable parts
- A42B1/20B . . [N: Collapsible or foldable hats] [N0903]
- A42B1/20C . . [N: Inflatable hats] [N0903]
- A42B1/20D . . [N: Hats made of separable parts] [N0903]
- A42B1/20E . . [N: Transformable, convertible, reversible hats] [N0903]
- A42B1/20F . . [N: Hats made from a flat sheet] [N0903]
- A42B1/22 . adjustable in size; [N: Form-fitting or self adjusting head coverings; Devices for reducing hat size] [C9611]
- A42B1/22B . . [N: with openings for hair] [N0903]
- A42B1/24 . with means for attaching articles thereto, e.g. memorandum tablets, mirrors, lamps, insignia; [N: Head coverings with pockets]
- A42B1/24A . . [N: Pockets therefor; Headcoverings with pockets] [N0903]
- A42B1/24B . . [N: Means for mounting detecting, signalling or lighting devices] [N0903]
- A42B1/24B2 . . . [N: Means for mounting lamps] [N0903]
- A42B1/24C . . [N: Means for mounting audio or communication systems] [N0903]
- A42B1/24D . . [N: Means for attaching eyewear (arrangements for supporting by headgear [G02C3/02](#))] [N0903]
- A42B1/24E . . [N: Insignia, logo emblems or the like] [N0903]
- A42B3/00** **Helmets; Helmet covers;** [N: Other protective head coverings] ([N: protective garments [A41D13/00](#); hoods for welders [A61F9/06](#); hoods as protection against chemical agents or for use at high altitudes [A62B17/00](#); gas helmets [A62B18/04](#); swimming helmets [A63B33/00](#); [N: head guards for sporting purposes [A63B71/10](#)]; defence protection helmets [F41H 1/04](#))
- A42B3/00B . [N: Helmet covers]
- A42B3/00C . [N: Means for transporting or storing helmets] [N1106]
- A42B3/04 . Parts, details or accessories of helmets
- A42B3/04B . . [N: Accessories for helmets]
- A42B3/04B2 . . . [N: Anti-theft arrangements (attaching helmets to cycles [B62J11/00B](#); locks [E05](#))]
- A42B3/04B4 . . . [N: Optical devices (night vision goggles [G02B23/12](#))] [C1106]
- A42B3/04B4B . . . . [N: Rear view devices or the like]
- A42B3/04B6 . . . [N: Detecting, signalling or lighting devices]
- A42B3/04B6B . . . . [N: Lighting devices, e.g. helmets with lamps]
- A42B3/04B6B2 . . . . . [N: intended to light the way ahead] [N0903]
- A42B3/04B6C . . . . [N: Signalling devices, e.g. auxiliary brake or indicator lights] [N0911]
- A42B3/04B6D . . . . [N: Means for detecting hazards or accidents] [N1106]

A42B3/04B6E	. . . .	[N: Means for detecting that the user is wearing a helmet] [N1106]
A42B3/04B8	. . .	[N: Neck restraints] [N0903]
A42B3/04B10	. . .	[N: Hydration systems] [N0903]
A42B3/04B12	. . .	[N: Airbags] [N0903]
A42B3/04C	. .	[N: Aerodynamic helmets; Air guiding means therefor] [N0903]
A42B3/06	. .	Impact-absorbing shells, e.g. of crash helmets
A42B3/06B	. . .	[N: External coatings, e.g. with light reflective material ( <b>helmet covers</b> <a href="#">A42B3/00B</a> )]
A42B3/06C	. . .	[N: with reinforcing means] [N0903]
A42B3/06C2	. . . .	[N: using layered structures] [N0903]
A42B3/06C2B	. . . . .	[N: with relative movement between layers] [N0903]
A42B3/06C4	. . . .	[N: Corrugated or ribbed shells] [N0903]
A42B3/06D	. . .	[N: specially adapted for cycling helmets, e.g. for soft shelled helmets] [N0903]
A42B3/06E	. . .	[N: with damage indication means] [N0903]
A42B3/06F	. . .	[N: with preferential fracture zones] [N0911]
A42B3/06G	. . .	[N: with soft external layer, e.g. for use in impact sports] [N0911]
A42B3/08	. .	Chin straps or similar retention devices
A42B3/08B	. . .	[N: Occipital retention systems] [N0903]
A42B3/10	. .	Linings ( <a href="#">A42B3/16</a> takes precedence)
A42B3/10B	. . .	[N: with additional protection for the neck ( <b>protective garments for neck or shoulder area</b> <a href="#">A41D13/05C</a> )] [N0911]
A42B3/12	. . .	Cushioning devices
A42B3/12B	. . . .	[N: with at least one layer or pad containing a fluid] [N0903]
A42B3/12B2	. . . . .	[N: inflatable] [N0903]
A42B3/12C	. . . .	[N: with at least one corrugated or ribbed layer] [N0903]
A42B3/12D	. . . .	[N: with a padded structure, e.g. foam] [N0903]
A42B3/12D2	. . . . .	[N: with removable or adjustable pads] [N0911]
A42B3/12D4	. . . . .	[N: with zones of different density] [N0911]
A42B3/14	. . .	Suspension devices
A42B3/14B	. . . .	[N: with restraining or stabilizing means, e.g. nape straps ( <a href="#">A42B3/08B</a> takes precedence)] [N0903]
A42B3/14C	. . . .	[N: Size adjustment devices] [N0903]
A42B3/14D	. . . .	[N: Anchoring means] [N0903]
A42B3/16	. .	Ear protection devices
A42B3/16B	. . .	[N: Wind or noise deflectors] [N0903]
A42B3/16C	. . .	[N: Integral hearing protection] [N1106]
A42B3/18	. .	Face protection devices
A42B3/18B	. . .	[N: Securing goggles or spectacles on helmet shells] [N0903]
A42B3/20	. . .	Face guards, e.g. for ice hockey ( <a href="#">A42B3/22</a> takes precedence)
A42B3/20B	. . . .	[N: Chin protectors] [N1106]
A42B3/22	. . .	Visors
A42B3/22B	. . . .	[N: Attaching visors to helmet shells, e.g. on motorcycle helmets] [N0903]
A42B3/22B2	. . . . .	[N: in an articulated manner, e.g. hinge devices] [N0903]

- A42B3/22B2B . . . . . [N: with means for locking the visor in a fully open, intermediate or closed position] [N0903]
- A42B3/22B4 . . . . . [N: with electrical actuation means] [N0911]
- A42B3/22C . . . . . [N: with full face protection, e.g. for industrial safety applications] [N0903]
- A42B3/22D . . . . . [N: with sunscreens, e.g. tinted or dual visor] [N0903]
- A42B3/22E . . . . . [N: with sun visors, e.g. peaks above face opening] [N0903]
- A42B3/22F . . . . . [N: for military or aviation applications (**protection helmets** [F41H1/04](#); **breathing masks or helmets** [A62B18/00](#))] [N0903]
- A42B3/24 . . . . . with means for avoiding fogging or misting
- A42B3/24B . . . . . [N: using means for heating, e.g. electric heating of the visor] [N0903]
- A42B3/26 . . . . . with cleaning means, e.g. wipers; [N: Movable or interchangeable vision films or sheets]
- A42B3/28 . . . Ventilating arrangements ([A42B3/24](#) takes precedence)
- A42B3/28B . . . . . [N: Air ducting systems] [N0903]
- A42B3/28B2 . . . . . [N: Air inlets or outlets, with or without closure shutters] [N0903]
- A42B3/28C . . . . . [N: with additional heating or cooling means] [N0903]
- A42B3/28D . . . . . [N: with forced flow, e.g. by a fan] [N0903]
- A42B3/28E . . . . . [N: with means for attaching respirators or breathing masks] [N0903]
- A42B3/30 . . . Mounting radio sets or communication systems (**methods or devices for transmitting, conducting or directing sound** [G10K11/18](#); **electric communication technique** [H04](#))
- A42B3/30B . . . . . [N: Communication between riders or passengers] [N1106]
- A42B3/30C . . . . . [N: Audio entertainment systems] [N1106]
- A42B3/32 . . . Collapsible helmets; Helmets made of separable parts ([A42B3/04](#) takes precedence); [N: Helmets with movable parts, e.g. adjustable]
- A42B3/32B . . . [N: Collapsible helmets] [N9906]
- A42B3/32C . . . [N: Adjustable helmets] [N9906]
- A42B3/32D . . . [N: Helmets with movable or separable chin or jaw guard] [N9906]
- A42B3/32E . . . [N: with means to facilitate removal, e.g. after an accident] [N0903]
  
- A42B5/00**                    **Veils; Holders for veils**
  
- A42B7/00**                    **Fastening means for head coverings; Elastic cords; Ladies' hat fasteners ([hat-pins](#) [A44B9/06](#))**