

ECLA EUROPEAN CLASSIFICATION

G02C SPECTACLES; SUNGLASSES OR GOGGLES INsofar AS THEY HAVE THE SAME FEATURES AS SPECTACLES; CONTACT LENSES
 (trial frames for testing the eyes [A61B3/04](#); goggles or eyeshields not having the same features as spectacles [A61F9/00](#))

Note

This subclass also covers monacles, pince-nez or lorgnettes.

G02C1/00 Assemblies of lenses with bridges or browbars

- G02C1/02 . Bridge or browbar secured to lenses without the use of rims
- G02C1/02A . . [N: with lenses secured to the fixing parts by clamping, luting, soldering, gluing without holes or recesses in the lenses (G02C1/04 to G02C1/08 take precedence)] [N1204]
- G02C1/02B . . [N: with auxiliary bars ([G02C1/04](#) to [G02C1/08](#) take precedence)]
- G02C1/04 . Bridge or browbar secured to or integral with partial rims, e.g. with partially-flexible rim for holding lens
- G02C1/06 . Bridge or browbar secured to or integral with closed rigid rims for the lenses
- G02C1/08 . . the rims being transversely split and provided with securing means
- G02C1/10 . [N: Special mounting grooves in the rim or on the lens] [N1204]

G02C3/00 Special supporting arrangements for lens assemblies or monacles (lenses therefor [G02C7/00](#); by walking-sticks [A45B3/00](#))

- G02C3/00B . [N: Arrangements for fitting and securing to the head in the position of use] [N1204]
- G02C3/00D . [N: Arrangements for fitting and securing to the head or neck not in the position of use] [N1204]
- G02C3/02 . Arrangements for supporting by headgear
- G02C3/04 . Arrangements for supporting by hand, e.g. lorgnette, Arrangements for supporting by articles (by walking-sticks [A45B3/00](#))

G02C5/00 Construction of non-optical parts

- G02C5/00A . [N: specially adapted for particular purposes, not otherwise provided for or not fully classifiable according to technical characteristics, e.g. therapeutic glasses] [N9410]
- G02C5/00A2 . . [N: Shooting or aiming glasses] [N9410]
- G02C5/00A4 . . [N: Glasses allowing access to one eye, e.g. for make-up application] [N9410]
- G02C5/00B . [N: Collapsible frames]

- G02C5/00D . [N: Spectacles frames characterized by their material, material structure and material properties] [N1204]
- G02C5/02 . Bridges; Browbars; Intermediate bars (nose engaging-surfaces [G02C5/12](#))
- G02C5/04 . . with adjustable means
- G02C5/04B . . . [N: for varying the horizontal distance of the lenses]
- G02C5/06 . . with resilient means
- G02C5/08 . . foldable
- G02C5/10 . . Intermediate bars or bars between bridge and side-members
- G02C5/12 . Nose pads; Nose-engaging surfaces of bridges or rims
- G02C5/12B . . [N: with adjustable means]
- G02C5/12B4 . . . [N: for vertically varying the position of the lenses]
- G02C5/12H . . [N: exchangeable or otherwise fitted to the shape of the nose] [N1204]
- G02C5/12P . . [N: Pince-nez] [N1204]
- G02C5/14 . Side-members
- G02C5/14E . . [N: having special ear pieces] [N1204]
- G02C5/14F . . [N: having special front end] [N1204]
- G02C5/16 . . resilient or with resilient parts
- G02C5/18 . . reinforced
- G02C5/20 . . adjustable, e.g. telescopic
- G02C5/22 . Hinges (pivotal connection in general [F16C11/00](#))
- G02C5/22B . . [N: Pivot bearings and hinge bolts other than screws] [N1204]
- G02C5/22D . . [N: Resilient hinges]
- G02C5/22D2 . . . [N: comprising a fixed hinge member and a coil spring] [N1204]
- G02C5/22D4 . . . [N: comprising a sliding hinge member and a coil spring] [N1204]
- G02C5/22D4B [N: comprising a sliding box containing a spring] [N1204]
- G02C5/22D8 . . . [N: comprising elastic means other than coil spring] [N1204]
- G02C5/22F . . [N: Composite hinges, e.g. for varying the inclination of the lenses]
- G02C5/22H . . [N: Hinges without well-defined pivot axis] [N1204]
- G02C5/22J . . [N: Special hinge screws] [N1204]
- G02C5/22K . . [N: Oblique hinge axis] [N1204]
- G02C7/00** **Optical parts (characterised by the material [G02B1/00](#))**
- G02C7/02 . Lenses; Lens systems; [N: Methods of designing lenses] [N1204]
- G02C7/02B . . [N: with pattern for identification or with cosmetic or therapeutic effects (methods and processes take preference, e.g. printing, marking or copying processes [B41M](#); identification in general [G09F3/00](#); producing decorative effects in general [B44C](#); surface treatment of glass [C03C15/00](#) to [C03C23/00](#); positioning or marking of lenses [B24B13/005C](#))]
- G02C7/02C . . [N: Ophthalmic lenses having special refractive features achieved by special materials or material structures (G02C7/04M takes precedence)] [N1204]

- G02C7/02D . . [N: Methods of designing ophthalmic lenses] [N1204]
- G02C7/02D2 . . . [N: considering parameters of the viewed object] [N1204]
- G02C7/02D4 . . . [N: considering wearer's parameters] [N1204]
- G02C7/02D6 . . . [N: Special mathematical design techniques] [N1204]
- G02C7/04 . . Contact lenses for the eyes (disinfection or sterilisation of contact lenses [A61L12/00](#)) [C9812]
- G02C7/04B . . . [N: bifocal; multifocal] [N9809]
- G02C7/04B2 [N: Simultaneous type] [N1204]
- G02C7/04B4 [N: Translating type] [N1204]
- G02C7/04B6 [N: Annular configuration, e.g. pupil tuned] [N1204]
- G02C7/04B8 [N: Sectorial configuration] [N1204]
- G02C7/04C . . . [N: Contact lenses having an iris pattern] [N1204]
- G02C7/04F . . . [N: Contact lens fitting; Contact lenses for orthokeratology; Contact lenses for specially shaped corneae] [N1204]
- G02C7/04H . . . [N: Means for stabilising the orientation of lenses in the eye] [N1204]
- G02C7/04M . . . [N: Contact lenses having special fitting or structural features achieved by special materials or material structures] [N1204]
- G02C7/06 . . bifocal; multifocal; [N: progressive (G02C7/04B takes precedence)] [N1204]
- G02C7/06P . . . [N: Spectacle lenses with progressively varying focal power] [N1204]
- G02C7/06P2 [N: Shape of the progressive surface] [N1204]
- G02C7/06P2L [N: Properties on the principal line] [N1204]
- G02C7/06P2V [N: Shape, location or size of the viewing zones] [N1204]
- G02C7/06P4 [N: Special properties achieved by the combination of the front and back surfaces] [N1204]
- G02C7/08 . . Auxiliary lenses; Arrangements for varying focal length
- G02C7/08E . . . [N: Ophthalmic lenses with variable focal length] [N1204]
- G02C7/08E2 [N: Electrooptic lenses] [N1204]
- G02C7/08E4 [N: Fluid-filled lenses, e.g. electro-wetting lenses] [N1204]
- G02C7/08N . . . [N: Auxiliary lenses located directly on a main spectacle lens or in the immediate vicinity of main spectacles] [N1204]
- G02C7/08S . . . [N: Lens systems mounted to spectacles] [N1204]
- G02C7/10 . . Filter, e.g. for facilitating adaptation of the eyes to the dark; Sunglasses
- G02C7/10A . . [N: having an electro-optical light valve (electro-optical elements per se [G02F](#))]
- G02C7/10C . . [N: Photochromic filters] [N1204]
- G02C7/10E . . [N: having spectral characteristics for purposes other than sun-protection] [N1204]
- G02C7/10G . . [N: having inhomogeneously distributed colouring] [N1204]
- G02C7/10J . . [N: Interference colour filters] [N1204]
- G02C7/10M . . [N: Colouring materials] [N1204]
- G02C7/12 . . Polarisers
- G02C7/14 . . Mirrors; Prisms
- G02C7/16 . . Shades; shields; Obturators, e.g. with pinhole, with slot [N: ([G02C5/00A2](#) takes precedence)] [C9410]

- G02C7/16B . . [N: with stenopaeic apertures]
- G02C9/00** **Attaching auxiliary optical parts** (auxiliary optical parts per se [G02C7/08](#) to [G02C7/16](#))
- G02C9/02 . by hinging
- G02C9/04 . by fitting over or clamping on
- G02C11/00** **Non-optical adjuncts; Attachment thereof (G02C7/16 takes precedence)** [N1204]
- G02C11/02 . Ornaments, e.g. exchangeable
- G02C11/04 . Illuminating means
- G02C11/06 . Hearing aids (construction of hearing aids [H04R25/00](#))
- G02C11/08 . Anti-misting means, e.g. ventilating, heating ([H05B3/84](#) takes precedence); Wipers
- G02C11/10 . [N: Electronic devices other than hearing aids] [N1204]
- G02C11/12 . [N: Side shields for protection of the eyes] [N1204]
- G02C13/00** **Assembling** (producing spectacle frames from plastics or from substances in a plastic state [B29D12/02](#)); **Repairing; Cleaning** (disinfection or sterilisation of contact lenses [A61L12/00](#)) [C9812]
- G02C13/00A . [N: Assembling; Repairing] [N1204]
- G02C13/00B . [N: Measuring during assembly or fitting of spectacles] [N1204]
- G02C13/00B2 . . [N: Measuring geometric parameters required to locate ophtalmic lenses in spectacles frames (apparatus for testing or instruments for examining the eyes per se [A61B3/00](#); machines or devices and accessories for grinding the edges of lenses using spectacles as a template [B24B9/14C](#))]
- G02C13/00D . [N: Devices specially adapted for cleaning spectacles frame or lenses] [N1204]
- G02C13/00F . [N: Devices specially adapted for cleaning contact lenses] [N1204]