G02C SPECTACLES; SUNGLASSES OR GOGGLES INSO FAR AS THEY HAVE THE SAME FEATURES AS SPECTACLES; CONTACT LENSES (trial frames for testing the eyes A61B 3/04; goggles or eyeshields not having the same features as spectacles A61F 9/00)

NOTE
This subclass also covers monocles, pince-nez or lorgnettes.

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 Assemblies of lenses with bridges or browbars
1/02 . Bridge or browbar secured to lenses without the use of rims
1/023 . [with lenses secured to the fixing parts by clamping, luting, soldering, gluing without holes or recesses in the lenses (G02C 1/04 - G02C 1/08 take precedence)]
1/026 . [with auxiliary bars (G02C 1/04 - G02C 1/08 take precedence)]
1/04 . Bridge or browbar secured to or integral with partial rims, e.g. with partially-flexible rim for holding lens
1/06 . Bridge or browbar secured to or integral with closed rigid rims for the lenses
1/08 . the rims being transversely split and provided with securing means
1/10 . [Special mounting grooves in the rim or on the lens]

3/00 Special supporting arrangements for lens assemblies or monocles (lenses therefor G02C 7/00; by walking-sticks A45B 3/00)
3/003 . [Arrangements for fitting and securing to the head in the position of use]
3/006 . [Arrangements for fitting and securing to the head or neck not in the position of use]
3/02 . Arrangements for supporting by headgear
3/04 . Arrangements for supporting by hand, e.g. lorgnette, Arrangements for supporting by articles (by walking-sticks A45B 3/00)

5/00 Constructions of non-optical parts
5/001 . [specially adapted for particular purposes, not otherwise provided for or not fully classifiable according to technical characteristics, e.g. therapeutic glasses]
5/003 . [Shooting or aiming glasses]
5/005 . [Glasses allowing access to one eye, e.g. for make-up application]
5/006 . [Collapsible frames]
5/008 . [Spectacles frames characterized by their material, material structure and material properties]
5/02 . Bridges; Browbars; Intermediate bars (nose engaging-surfaces G02C 5/12)
5/04 . with adjustable means
5/045 . . . [for varying the horizontal distance of the lenses]
5/06 . with resilient means
5/08 . foldable
5/10 . Intermediate bars or bars between bridge and side-members
5/12 . Nose pads; Nose-engaging surfaces of bridges or rims
5/122 . . . [with adjustable means]
5/124 . . . [for vertically varying the position of the lenses]
5/126 . . . [exchangeable or otherwise fitted to the shape of the nose]
5/128 . . . [Pince-nez]
5/14 . Side-members
5/143 . . . [having special ear pieces]
5/146 . . . [having special front end]
5/16 . . . resilient or with resilient parts
5/18 . . reinforced
5/20 . . adjustable, e.g. telescopic
5/22 . Hinges (pivotal connection in general F16C 11/00)
5/2209 . . . [Pivot bearings and hinge bolts other than screws]
5/2218 . . . [Resilient hinges]
5/2227 . . . [comprising a fixed hinge member and a coil spring]
5/2236 . . . [comprising a sliding hinge member and a coil spring]
5/2245 . . . . [comprising a sliding box containing a spring]
5/2254 . . . . [comprising elastic means other than coil spring]
Optical parts (characterised by the material G02B 1/00)

Lenses; Lens systems (Methods of designing lenses)

(with pattern for identification or with cosmetic or therapeutic effects (methods and processes take precedence, e.g. printing, marking or copying processes B41M; identification in general G09F 3/00; producing decorative effects in general B44C; surface treatment of glass C03C 15/00 - C03C 23/00; positioning or marking of lenses B24B 13/005))

Ophthalmic lenses having special refractive features achieved by special materials or material structures (G02C 7/049 takes precedence)

Methods of designing ophthalmic lenses (considering parameters of the viewed object)

considering wearer's parameters

Special mathematical design techniques

Contact lenses for the eyes (disinfection or sterilisation of contact lenses A61L 12/00)

bicifocal; multifocal

Simultaneous type

Translating type

Annular configuration, e.g. pupil tuned

Sectorial configuration

Contact lenses having an iris pattern

Contact lens fitting; Contact lenses for orthokeratology; Contact lenses for specially shaped corneae

Means for stabilising the orientation of lenses in the eye

Contact lenses having special fitting or structural features achieved by special materials or material structures

bifocal; multifocal (progressive (G02C 7/041 takes precedence))

Spectacle lenses with progressively varying focal power

Shape of the progressive surface

Properties on the principal line

Shape, location or size of the viewing zones

Special properties achieved by the combination of the front and back surfaces

Auxiliary lenses; Arrangements for varying focal length

Ophthalmic lenses with variable focal length

Electrooptic lenses

Fluid-filled lenses, e.g. electro-wetting lenses

Auxiliary lenses located directly on a main spectacle lens or in the immediate vicinity of main spectacles

Lens systems mounted to spectacles

Filters, e.g. for facilitating adaptation of the eyes to the dark; Sunglasses

having an electro-optical light valve (electro-optical elements per se G02F)

Photochromic filters

having spectral characteristics for purposes other than sun-protection

having inhomogeneously distributed colouring

Interference colour filters

Colouring materials

Polarisers

Mirrors; Prisms

Shades; shields; Obturators, e.g. with pinhole, with slot (G02C 5/002 takes precedence)

with stenopaic apertures

Attaching auxiliary optical parts (auxiliary optical parts per se G02C 7/08 - G02C 7/16)

by hinging

by fitting over or clamping on

Non-optical adjuncts; Attachment thereof (G02C 7/16 takes precedence)

Ornaments, e.g. exchangeable

Illuminating means

Hearing aids (construction of hearing aids H04R 25/00)

Anti-misting means, e.g. ventilating, heating (H05B 3/84 takes precedence); Wipers

Electronic devices other than hearing aids

Side shields for protection of the eyes

Assembling (producing spectacle frames from plastics or from substances in a plastic state B29D 12/02); Repairing; Cleaning (disinfection or sterilisation of contact lenses A61L 12/00)

Assembling; Repairing

Measuring during assembly or fitting of spectacles

Measuring geometric parameters required to locate ophthalmic lenses in spectacles frames (apparatus for testing or instruments for examining the eyes per se A61B 3/00; machines or devices and accessories for grinding the edges of lenses using spectacles as a template B24B 9/144)

Devices specially adapted for cleaning spectacles frame or lenses

Devices specially adapted for cleaning contact lenses

Generic mechanical aspects applicable to one or more of the groups G02C 1/00 - G02C 5/00 and G02C 9/00 - G02C 13/00 and their subgroups

Magnetic means

Junctions between frame elements having a click function

Locking elements

Modular frames, easily exchangeable frame parts and lenses

Frame or frame portions made from rubber

Frame or frame portions made from sheet type material

Laminated frame or frame portions

Frame or frame portions made from wire

Frame or frame portions made from rubber

Adjustment ridges or notches

Friction elements
G02C

2200/22. Leaf spring
2200/24. Coil spring pulled upon actuation
2200/26. Coil spring pushed upon actuation
2200/28. Coil spring twisted upon actuation
2200/30. Piston
2200/32. Oblong hole

2202/00. Generic optical aspects applicable to one or more of the subgroups of G02C 7/00

2202/02. Mislocation tolerant lenses or lens systems
2202/04. Lenses comprising decentered structures
2202/06. Special ophthalmologic or optometric aspects
2202/08. Series of lenses, lens blanks
2202/10. Optical elements and systems for visual disorders other than refractive errors, low vision
2202/12. Locally varying refractive index, gradient index lenses
2202/14. Photorefractive lens material
2202/16. Laminated or compound lenses
2202/18. Cellular lens surfaces
2202/20. Diffractive and Fresnel lenses or lens portions
2202/22. Correction of higher order and chromatic aberrations, wave front measurement and calculation
2202/24. Myopia progression prevention