

Title (en)
LOW-COST, LIGHT-WEIGHT, COMPACT BINOCULARS

Title (de)
PREISWERTES, LEICHTES UND KOMPAKTES FERNGLAS

Title (fr)
JUMELLES COMPACTES, LEGERES, ET PEU COUTEUSES

Publication
EP 0758459 A4 19970820 (EN)

Application
EP 95919795 A 19950502

Priority

- US 9505892 W 19950502
- US 23830994 A 19940505
- US 32092094 A 19941011

Abstract (en)
[origin: WO9530918A1] Light-weight, low-cost, compact binoculars utilize high reflectance mirrors (115) instead of traditional prisms to fold light and lengthen distance between the objective lens (125) and the field lens (121) to correct the orientation of an image. The binoculars are made with mirrors and light-weight, injection molded acrylic plastic lenses. They are pocket sized and compact, yet adjustable for individual interocular distance. The field of view is rectangular in format and the interpupillary adjustment is by way of sliding action between nested housings (5, 7).

IPC 1-7
G02B 7/02; **G02B 23/00**; **G02B 23/02**; **G02B 23/08**; **G02B 25/00**; **G02B 27/02**

IPC 8 full level
G02B 7/06 (2006.01); **G02B 7/12** (2006.01); **G02B 23/18** (2006.01)

CPC (source: EP)
G02B 23/18 (2013.01)

Citation (search report)

- [A] DE 4038771 A1 19920611 - WILD HEERBRUGG AG [CH]
- [E] WO 9529421 A1 19951102 - BNOX INC [US], et al
- See references of WO 9530918A1

Designated contracting state (EPC)
DE GB

DOCDB simple family (publication)
WO 9530918 A1 19951116; AU 2547495 A 19951129; EP 0758459 A1 19970219; EP 0758459 A4 19970820; JP H10500226 A 19980106

DOCDB simple family (application)
US 9505892 W 19950502; AU 2547495 A 19950502; EP 95919795 A 19950502; JP 52920395 A 19950502