

Title (en)
SPLITTABLE AND RECONFIGURABLE EPISCOPIC SIGHTING TELESCOPE

Publication
EP 0441079 A3 19910821 (FR)

Application
EP 90403680 A 19901219

Priority
FR 8916888 A 19891220

Abstract (en)
[origin: EP0441079A2] The subject of the invention is an episcopic sighting telescope for day and night observation and firing on a vehicle fitted with a gun. <??>It comprises a set of interchangeable modules grouping the optical elements, constituted in particular by a head module 1 housing a mirror controlled in elevation, a raising module 2, a day vision module 4, a night vision module 5, a telemetry module 6 and an electronic unit coupled with a firing computer 8. It comprises a module 3 for separating the day and night channels interposed between the raising module 2 and the day and night modules 4, 5 housing means of generating a sighting reticle in the day and night channels. The means of generating a firing reticle comprise a collimator for projecting this reticle and a rhombohedron for injecting this reticle in the day and night modules. <??>Application to weapon systems. <IMAGE>

IPC 1-7
F41G 3/22; **F41G 3/06**

IPC 8 full level
F41G 3/06 (2006.01); **F41G 3/22** (2006.01)

CPC (source: EP US)
F41G 3/065 (2013.01 - EP US); **F41G 3/22** (2013.01 - EP US); **F41H 5/266** (2013.01 - EP US)

Citation (search report)
• [X] EP 0268778 A2 19880601 - ZEISS CARL FA [DE], et al
• [A] US 4822994 A 19890418 - JOHNSON CHARLES B [US], et al
• [A] EP 0345408 A1 19891213 - NORMA GMBH [AT]
• [A] DE 3329589 A1 19850307 - ELTRO GMBH [DE]
• [A] EP 0165170 A2 19851218 - SFIM [FR]
• [A] DE 3142704 A1 19830505 - ELEKTRO OPTIK GMBH & CO KG [DE]
• [A] EP 0117983 A2 19840912 - TEXAS INSTRUMENTS INC [US]

Cited by
FR2682491A1; WO9913355A1

Designated contracting state (EPC)
DE GB

DOCDB simple family (publication)
FR 2656079 A1 19910621; **FR 2656079 B1 19940506**; DE 69002824 D1 19930923; DE 69002824 T2 19931209; EP 0441079 A2 19910814; EP 0441079 A3 19910821; EP 0441079 B1 19930818; US 5204489 A 19930420; US 5339720 A 19940823

DOCDB simple family (application)
FR 8916888 A 19891220; DE 69002824 T 19901219; EP 90403680 A 19901219; US 62801290 A 19901217; US 94792792 A 19920921