

Title (en)  
Reflex sight

Title (de)  
Reflexvisier

Title (fr)  
Viseur réflexe

Publication  
**EP 2075524 A3 20111102 (DE)**

Application  
**EP 08022250 A 20081222**

Priority  
DE 102007063407 A 20071231

Abstract (en)  
[origin: EP2075524A2] The sight (10) has a dust proof and water tight housing (20) fitted with a proximal aperture (21) and a distal aperture (22) along an optic axis, and mounted on a weapon. A projection unit (40) reproduces light generated by an electric light source (50) e.g. LED, as a target mark. A feed optics (60) feeds the target mark reproduced by the projection unit into a beam along the optic axis. A polarizing beam splitting layer e.g. macneille polarizer, and a band stop filter ensure that the mark reproduced by the projection unit is visible solely from the proximal aperture.

IPC 8 full level  
**F41G 1/30** (2006.01)

CPC (source: EP US)  
**F41G 1/30** (2013.01 - EP US)

Citation (search report)

- [XY] WO 9700419 A1 19970103 - DENEL PTY LTD [ZA], et al
- [Y] US 5901452 A 19990511 - CLARKSON ANDREW R [US]
- [Y] US 2004047586 A1 20040311 - SCHICK DARIN W [US], et al
- [XD] DE 4336956 B4 20070412 - ZEISS CARL SPORTS OPTICS GMBH [DE]
- [A] DE 1572670 A1 19700423 - HUGHES AIRCRAFT CO

Cited by  
EP3537090A1; US11280583B2

Designated contracting state (EPC)  
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MT NL NO PL PT RO SE SI SK TR

Designated extension state (EPC)  
AL BA MK RS

DOCDB simple family (publication)  
**EP 2075524 A2 20090701; EP 2075524 A3 20111102; EP 2075524 B1 20140122;** DE 102007063407 A1 20090702; ES 2458501 T3 20140505; US 2009168057 A1 20090702; US 7872747 B2 20110118

DOCDB simple family (application)  
**EP 08022250 A 20081222;** DE 102007063407 A 20071231; ES 08022250 T 20081222; US 23053208 A 20080829