

Title (en)
Reflex sight

Title (de)
Reflexvisier

Title (fr)
Viseur réflexe

Publication
EP 2075524 B1 20140122 (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)

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

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