

Title (en)

AIRCRAFT AUTOMATIC BORESIGHT CORRECTION

Publication

EP 0105432 A3 19860312 (EN)

Application

EP 83109535 A 19830924

Priority

US 42876782 A 19820930

Abstract (en)

[origin: EP0105432A2] A system that determines the error existing between the aircraft gunsight and the gun systems, while prescribed aircraft manoeuvres are performed, and automatically corrects the gunsight system to compensate for this error. The system includes a bullet sensor, such as a television camera, hardware that determines the bullet positions relative to the gun boresight, computational means to determine the above mentioned error, and means to store the error and correct the gunsight system according to this error. This system yields a lower cost, more accurate, and more convenient method requiring less skilled labor than that presently used to accomplish the same result.

IPC 1-7

F41G 5/18; **F41G 3/14**

IPC 8 full level

F41G 3/00 (2006.01); **F41G 3/14** (2006.01); **F41G 3/32** (2006.01); **F41G 5/18** (2006.01)

CPC (source: EP KR)

F41G 3/142 (2013.01 - EP); **F41G 3/323** (2013.01 - EP); **F41G 5/18** (2013.01 - EP KR)

Citation (search report)

- [A] FR 2107236 A5 19720505 - HONEYWELL INC
- [A] US 4015258 A 19770329 - SMITH WILLIAM W, et al
- [A] US 4202246 A 19800513 - RITTER EDWARD H [US], et al

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EP0249679A3; EP0226026A3; US6260466B1; US6977917B2; US8579194B2; WO9814747A1; WO2007028455A1; WO2024052457A1

Designated contracting state (EPC)

CH DE FR GB IT LI NL SE

DOCDB simple family (publication)

EP 0105432 A2 19840418; **EP 0105432 A3 19860312**; **EP 0105432 B1 19900124**; AU 1980683 A 19840405; AU 571850 B2 19880428; DE 3381149 D1 19900301; IL 69837 A 19880831; JP S5984098 A 19840515; KR 840006264 A 19841122; KR 890000098 B1 19890307

DOCDB simple family (application)

EP 83109535 A 19830924; AU 1980683 A 19830930; DE 3381149 T 19830924; IL 6983783 A 19830927; JP 17717983 A 19830927; KR 830004674 A 19830930