

Title (en)

FORWARD MOTION COMPENSATED FLIGHT PATH

Title (de)

VORWÄRTSBEWEGUNGSKOMPENSIERTE FLUGBAHN

Title (fr)

TRAJECTOIRE DE VOL À COMPENSATION DE MOUVEMENT AVANT

Publication

EP 3097687 A4 20170426 (EN)

Application

EP 15776110 A 20150121

Priority

- US 201461930424 P 20140122
- US 2015012323 W 20150121

Abstract (en)

[origin: WO2015156884A2] With reference to Fig. 1, camera 12 mounted on airframe 10 captures an image of first field of view 20 along first optical axis 21 aimed at first object of interest 23. During the time of exposure, airframe 10 flies first flight path arc 22 centered on first object of interest 23 with a radius substantially equal to the distance between camera 12 and first object of interest 23. Airframe 10 pivots camera 12 around first object of interest 23 while the shutter in camera 12 is open. This is repeated around each subsequent object of interest to produce a scalloped or slalom path, namely Forward Motion Compensated (FMC) flight path 33.

IPC 8 full level

G01C 11/02 (2006.01)

CPC (source: EP US)

G01C 11/02 (2013.01 - EP); **G03B 15/006** (2013.01 - EP); **G05D 1/0094** (2024.01 - EP); **B64U 2101/30** (2023.01 - EP US)

Citation (search report)

- [X] US 2010228406 A1 20100909 - HAMKE ERIC E [US], et al
- [A] US 6130705 A 20001010 - LAREAU ANDRE G [US], et al
- [A] US 2013238170 A1 20130912 - KLINGER JOHN SOLOMON [US]

Designated contracting state (EPC)

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DOCDB simple family (publication)

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