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(54) **METHOD FOR DETERMINING AN OFFSET LATERAL TRAJECTORY FOR AN AIRCRAFT**

(71) Applicant: **THALES**, Neuilly sur Seine (FR)

(72) Inventors: **Vincent Savarit**, Valence (FR); **Emmanuel Dewas**, Valence (FR); **François Coulmeau**, Valence (FR)

(73) Assignee: **Thales**, Courbevoie (FR)

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G01C 21/00 (2006.01)
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G08G 5/00 (2006.01)

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CPC ***G01C 21/00*** (2013.01); ***G08G 5/0039*** (2013.01); *G08G 5/0021* (2013.01)

(58) **Field of Classification Search**
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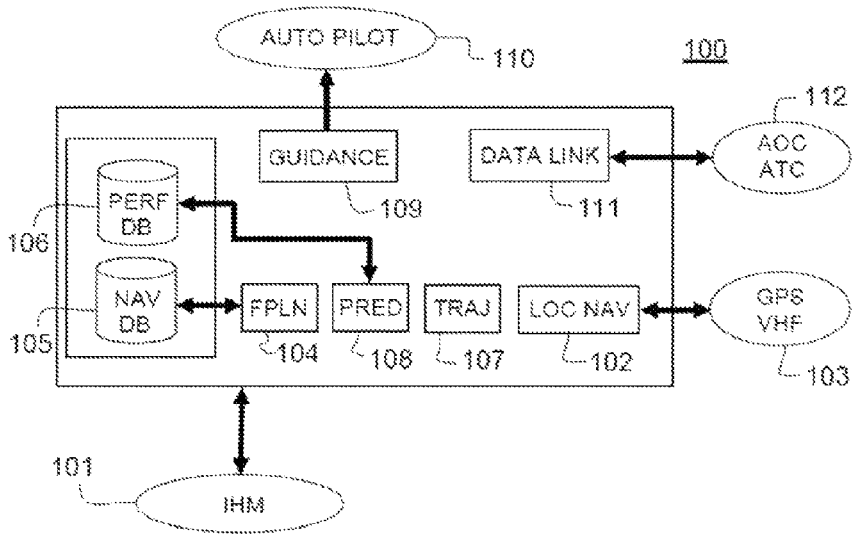
Primary Examiner — Yonel Beaulieu
Assistant Examiner — Martin Weeks
(74) *Attorney, Agent, or Firm* — Baker & Hostetler LLP

(57) **ABSTRACT**

In the field of the definition of a flight plan for an aircraft, a method is provided for determining an offset lateral trajectory from an initial lateral trajectory comprising a set of initial waypoints. The initial lateral trajectory and the offset lateral trajectory have two junction points in common, namely a point of entry and a point of exit. At least one of the junction points is distinct from the initial waypoints and from the current position of the aircraft. This first junction point can notably be defined so that the flight duration or the flight distance between the first and second junction points corresponds to a defined value.

3 Claims, 5 Drawing Sheets