

Title (en)

Method and device for assisting with the visual assessment of a flight path to be followed by an aircraft in a restricted environment

Title (de)

Verfahren und Vorrichtung zur hilfsweisen sichtbaren Bewertung einer Flugbahn in einer stark frequentierten Umgebung

Title (fr)

Procédé et dispositif pour aider à l'évaluation visuelle d'une trajectoire de vol destinée à être suivie par un aéronef dans un environnement contraint

Publication

EP 2463845 B1 20140416 (FR)

Application

EP 11191208 A 20111129

Priority

FR 1060192 A 20101207

Abstract (en)

[origin: EP2463845A1] The method involves estimating passage time of an aircraft at a trial point. Positions of mobile obstacles (O2) e.g. stormy zones, at the time are extrapolated. A collision trail is performed to determine whether a trial vector intercepts the mobile obstacles at extrapolated positions and stationary obstacles (O1) e.g. hills. Critical points are determined on sides of the trial point based on trial result. The critical points are automatically linked to form a free zone (ZL) around a flight trajectory (TV). The trajectory and the zone are automatically displayed on an aircraft display screen. An independent claim is also included for a device for aiding to evaluate flight trajectory to be followed by an aircraft in a constrained environment, comprising databases.

IPC 8 full level

G08G 5/00 (2006.01)

CPC (source: EP US)

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