Title (en)
AIRCRAFT TERRAIN AVOIDANCE AND ALARM METHOD AND DEVICE

Title (de)
VERMEIDUNG VON GELÄNDEKOLLISIONEN VON FLUGZEUGEN SOWIE ALARMVERFAHREN UND -VORRICHTUNG

Title (fr)
PROCEDE ET DISPOSITIF D`ALERTE ET D`EVITEMENT DE TERRAIN POUR UN AERONEF

Publication
EP 1812917 B1 20080917 (FR)

Application
EP 05817428 A 20051110

Priority
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Abstract (en)
[origin: WO2006051220A1] The device (1) comprises a first means (2) knowing the profile of the terrain at least that which is located at the front of the aircraft, a second means (3) for determining an avoidance trajectory, a third means (4) which is connected to the first and second means (2, 3) and used to verify if there is a terrain collision risk for the aircraft, a fourth means (7) for emitting an alarm signal in the event of detection of a collision risk by the third means (4), at least one aircraft performance data base (Bi) relating to an avoidance maneouvring gradient which can be flown by the aircraft according to particular flight parameters, and a fifth means (9) for determining the effective values of the particular parameters during the flight of the aircraft, wherein the third means (3) is formed in such a way that it is possible to determine the avoidance trajectory according to the information received from the data base (Bi) and the fifth means (9) .

IPC 8 full level
G08G 5/04 (2006.01)

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G08G 5/0086 (2013.01 - EP US); **G08G 5/045** (2013.01 - EP US)

Cited by
FR2949897A1; US8849478B2; US10228692B2; US10930164B2; US11580865B2

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