

Title (en)

Method and device for detecting the absence of aircraft crew reaction to an alarm linked to a trajectory

Title (de)

Verfahren und Vorrichtung zur Erkennung einer nicht erfolgenden Reaktion der Crew eines Luftfahrzeugs auf einen Alarm bezüglich einer Bewegungsbahn

Title (fr)

Procédé et dispositif de détection d'absence de réaction de l'équipage d'un aéronef à une alarme liée à une trajectoire

Publication

EP 2341491 A3 20140122 (FR)

Application

EP 10194664 A 20101213

Priority

FR 0906296 A 20091223

Abstract (en)

[origin: EP2341491A2] The method involves emitting auxiliary alert signal for signaling an alarm if crew does not react to the alarm at the end of a first time interval from emission. A second time interval is determined during which the crew is required to react to the emitted alarm by implementing a procedure for avoiding the danger at the starting of the alarm. Automatic avoidance operation along an avoidance path for coping with the danger is implemented if the crew does not react to the alarm at the end of the second time interval, and only if the avoidance path is calculated. An independent claim is also included for a device for detecting lack of reaction of a crew of an aircraft to an alarm regarding danger related to a path of the aircraft, comprising a monitoring unit.

IPC 8 full level

G08B 29/02 (2006.01); **G08G 5/00** (2006.01); **G08G 5/04** (2006.01)

CPC (source: EP US)

G08B 29/02 (2013.01 - EP US); **G08G 5/0078** (2013.01 - EP US); **G08G 5/0086** (2013.01 - EP US); **G08G 5/045** (2013.01 - EP US)

Citation (search report)

- [X] US 2005073440 A1 20050407 - JOURDAN CHRISTOPHE [FR], et al
- [AD] FR 2929246 A1 20091002 - AIRBUS FRANCE SAS [FR], et al

Cited by

CN114255565A; US11857324B2

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

EP 2341491 A2 20110706; EP 2341491 A3 20140122; FR 2954561 A1 20110624; FR 2954561 B1 20120803; US 2011148665 A1 20110623; US 8493239 B2 20130723

DOCDB simple family (application)

EP 10194664 A 20101213; FR 0906296 A 20091223; US 97022910 A 20101216