Title (en)

METHOD OF DETECTING A COLLISION RISK AND PREVENTING AIR COLLISIONS

Title (de)

VERFAHREN ZUR ERKENNUNG EINES KOLLISIONSRISIKOS UND ZUR VERMEIDUNG VON KOLLISIONEN IN DER LUFTFAHRT

Title (fr)

PROCEDE PERMETTANT DE DETECTER UN RISQUE DE COLLISION ET D'EMPECHER LES COLLISIONS AERIENNES

Publication

EP 0886847 B1 19991222 (DE)

Application

EP 97919267 A 19970307

Priority

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• DE 19609613 A 19960312

Abstract (en)

[origin: DE19609613A1] In a method of detecting a collision risk and preventing air collisions, it is proposed that probabilities should be calculated for the likely presence of one's own aircraft in predetermined sectors at a number of selected times (probabilities of presence) and these probabilities for one's own aircraft and those for other objects should be used to calculate the probabilities of one's own aircraft and at least one of the other objects being present simultaneously in a given sector (probability of collision) for the predetermined sectors and selected times.

IPC 1-7

G08G 5/04; G01S 5/00

IPC 8 full level

B64D 45/00 (2006.01); **G01S 5/00** (2006.01); **G08G 5/04** (2006.01)

CPC (source: EP US)

G08G 5/006 (2013.01 - EP US); **G08G 5/045** (2013.01 - EP US)

Cited by

US7330780B2; DE10217222A1

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