

Title (en)

DISPLAY SYSTEMS AND METHODS FOR PROVIDING GROUND TRAFFIC COLLISION THREAT AWARENESS

Title (de)

ANZEIGESYSTEME UND VERFAHREN ZUR BEREITSTELLUNG VON KOLLISIONSGEFAHRBEWUSSTSEIN FÜR BODENVERKEHR

Title (fr)

SYSTÈMES D'AFFICHAGE ET PROCÉDÉS DE SENSIBILISATION À LA MENACE DE COLLISIONS DE TRAFIC TERRESTRE

Publication

EP 3852085 A1 20210721 (EN)

Application

EP 21150807 A 20210108

Priority

- IN 202011002338 A 20200120
- US 202017062742 A 20201005

Abstract (en)

The present disclosure relates to aircraft display systems and methods for providing ground traffic collision threat awareness. Traffic data is received, optionally from an automatic dependent surveillance broadcast, ADSB, system, including location data for other vehicles. Threat level data is determined representing an urgency of a threat of a surface collision with another vehicle based on the traffic data. The threat level data and the location data for the another vehicle is encoded into graphical symbology for a primary flight display device and into graphical symbology for a navigation display device. The graphical symbology is displayed on the primary flight display device and on the navigation display device.

IPC 8 full level

G08G 5/06 (2006.01); **G08G 5/00** (2006.01); **G08G 5/04** (2006.01)

CPC (source: EP)

G08G 5/0008 (2013.01); **G08G 5/0021** (2013.01); **G08G 5/0078** (2013.01); **G08G 5/025** (2013.01); **G08G 5/045** (2013.01); **G08G 5/065** (2013.01)

Citation (search report)

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WO2023069046A1

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)

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