

Title (en)

SCHEDULE MANAGEMENT SYSTEM AND METHOD FOR MANAGING AIR TRAFFIC

Title (de)

TERMINPLANVERWALTUNGSSYSTEM UND VERFAHREN ZUR FLUGVERKEHRSVERWALTUNG

Title (fr)

SYSTÈME ET PROCÉDÉ DE GESTION DE CALENDRIER POUR GÉRER LE TRAFIC AÉRIEN

Publication

EP 2867880 A1 20150506 (EN)

Application

EP 13733164 A 20130613

Priority

- US 201261666801 P 20120630
- US 201313786858 A 20130306
- US 2013045655 W 20130613

Abstract (en)

[origin: WO2014004101A1] A system and method to improve efficiency in aircraft maneuvers meant to accommodate time-related constraints in air traffic, information related to flight performance and atmospheric conditions is gathered onboard an aircraft, then transmitted to an air traffic control center, in the event of a delay or any other event which necessitates an alteration in an aircraft trajectory, the data is sent to a decision support tool to compute and provide alternative trajectories, preferably including operator- preferred trajectories, within air traffic constraints. Air traffic controllers can then offer an alternative trajectory to an aircraft that is more efficient, cost effective, and/or preferable to the aircraft operator.

IPC 8 full level

G08G 5/00 (2006.01)

CPC (source: CN EP)

G08G 5/0013 (2013.01 - CN EP); **G08G 5/0043** (2013.01 - CN EP)

Citation (search report)

See references of WO 2014004101A1

Cited by

US11443641B2

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)

WO 2014004101 A1 20140103; BR 112015000076 A2 20171010; CA 2877339 A1 20140103; CA 2877339 C 20210316; CN 104488012 A 20150401; CN 104488012 B 20170308; EP 2867880 A1 20150506; EP 2867880 B1 20201111; JP 2015527644 A 20150917; JP 6248104 B2 20171213

DOCDB simple family (application)

US 2013045655 W 20130613; BR 112015000076 A 20130613; CA 2877339 A 20130613; CN 201380035034 A 20130613; EP 13733164 A 20130613; JP 2015520257 A 20130613