

Title (en)

SYSTEM AND METHODS FOR AUTOMATED AIRPORT AIR TRAFFIC CONTROL SERVICES

Title (de)

SYSTEM UND VERFAHREN FÜR AUTOMATISIERTE FLUGHAFENFLUGVERKEHRSTEUERUNGSDIENSTE

Title (fr)

SYSTÈME ET PROCÉDÉS DE SERVICES AUTOMATISÉS DE CONTRÔLE DU TRAFIC AÉRIEN D'AÉROPORTS

Publication

**EP 3444791 A3 20190424 (EN)**

Application

**EP 18188769 A 20180813**

Priority

US 201715675749 A 20170813

Abstract (en)

[origin: EP3444791A2] A system and methods for automated airport air traffic control, which envisage: receiving one or more parameters associated with an aircraft, an airside object, an airfield or an airport; calculating one or more routes associated with the aircraft, with the airside object, with the airfield or with the airport, in accordance with the parameters received and in accordance with at least one routing criteria such as environment of the airport, performance of the airside object or the airport, preference of an operator of the aircraft or the airside object, air regulation, airport or airfield related restrictions, time to pushback, fuel saving, optimize use of runway or taxiway or junction in the airport or the airfield, and safety of the aircraft or the airside object; and transmitting the routes to the airside object, to the aircraft, or to a CWP (Controller Working Position), in order to present the routes on a dynamic map (DAM) or on the CWP.

IPC 8 full level

**G08G 1/00** (2006.01)

CPC (source: EP)

**G08G 5/0008** (2013.01); **G08G 5/0026** (2013.01); **G08G 5/0043** (2013.01); **G08G 5/065** (2013.01); **G08G 5/0056** (2013.01); **G08G 5/0065** (2013.01); **G08G 5/0091** (2013.01); **G08G 5/025** (2013.01)

Citation (search report)

- [X] WO 2014115139 A1 20140731 - IATAS AUTOMATIC AIR TRAFFIC CONTROL LTD [IL], et al
- [X] EP 1947624 A1 20080723 - HONEYWELL INT INC [US]
- [X] US 2002077743 A1 20020620 - SCHMIDT HARRY P [US]

Cited by

EP3882888A1; CN112533014A; CN113256120A; CN113781843A; CN109948844A; CN112329592A; EP3855411A1; CN115394123A; CN113468245A; EP4307276A1; US11790797B2; WO2020182693A1; WO2020206798A1

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)

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DOCDB simple family (application)

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