

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 A2 20190220 (EN)

Application

EP 18188769 A 20180813

Priority

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Abstract (en)

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

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CPC (source: EP)

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