Title (en)

AIR TRAFFIC MANAGEMENT SYSTEM

Title (de)

LUFTVERKEHRS-VERWALTUNGSSYSTEM

Title (fr)

SYSTEME DE GESTION DU TRAFIC AERIEN

Publication

EP 1188137 B1 20070214 (EN)

Application

EP 00913964 A 20000407

Priority

- AU 0000290 W 20000407
- AU PP965299 A 19990408

Abstract (en)

[origin: WO0062234A1] A method for scheduling the flow of air traffic into a destination airport over a particular time period includes the steps of: a) establishing an arrival schedule over the particular time period at said destination airport for a plurality of aircraft; b) determining prior to the particular time period, the departure airports from which each of said aircraft departs, so as to define a travel path from a departure airport to the destination airport for each aircraft; c) dividing the travel path of each aircraft into a plurality of travel sequences; d) estimating from historical data, an initial time estimate for each travel sequence, based on any travel time influencing factor; e) establishing an initial total estimated travel time for each aircraft by summing the respective travel sequence times for each aircraft; and f) sequencing the departure time of each aircraft in accordance with the initial total estimated travel time, so that the time of aircraft arrival is estimated and an arrival schedule is established.

IPC 8 full level

G08G 5/00 (2006.01)

CPC (source: EP)

G08G 5/0043 (2013.01); **G08G 5/0095** (2013.01); **G08G 5/025** (2013.01)

Citation (examination)

GB 2327517 A 19990127 - DIRECTOR GENERAL SHIP RESEARCH [JP], et al

Cited by

CN105513431A; CN112447068A; US11423793B2

Designated contracting state (EPC)

AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)

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DOCDB simple family (application)

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