Title (en)

SYSTEMS AND METHODS FOR ANALYZING AIR TRAFFIC CONTROL MESSAGES AND GENERATING ASSOCIATED FLIGHT PERFORMANCE PARAMETERS

Title (de)

SYSTEME UND VERFAHREN ZUM ANALYSIEREN VON FLUGVERKEHRSKONTROLLMELDUNGEN UND ERZEUGEN ENTSPRECHENDER FLUGLEISTUNGSPARAMETER

Title (fr)

SYSTÈMES ET PROCÉDÉS POUR ANALYSER DES MESSAGES DE CONTRÔLE DE TRAFIC AÉRIEN ET ANALYSER DES PARAMÈTRES DE PERFORMANCE DE VOL ASSOCIÉS

Publication

EP 4152294 A1 20230322 (EN)

Application

EP 22192543 A 20220829

Priority

- IN 202111041876 A 20210916
- US 202217647228 A 20220106

Abstract (en)

Systems and methods for providing a visual user interface on a display associated with an aircraft. The systems and methods transcribe, using a voice to text application, an ATC broadcast message; analyze the transcribed ATC broadcast message for flight plan information; send a request to an avionics service system to determine at least one flight performance parameter based on the flight plan information; receive the determined at least one flight performance parameter from the avionics service system in response to the request; and render a visual User Interface (UI) including the transcribed ATC broadcast message and a flight performance parameter advisory based on the at least one flight performance parameter, wherein the flight performance parameter advisory is tagged to the transcribed ATC broadcast message in the visual UI.

IPC 8 full level

G08G 5/00 (2006.01)

CPC (source: EP)

G08G 5/0013 (2013.01); G08G 5/0021 (2013.01); G08G 5/0039 (2013.01); G08G 5/0078 (2013.01)

Citation (search report)

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- [YA] US 2011282522 A1 20111117 - PRUS ROBERT S [US], et al
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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

Designated validation state (EPC)

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