

Title (en)

SYSTEMS AND METHODS FOR TRANSCRIBING AND ANALYZING BROADCAST MESSAGES IN AN AIRCRAFT

Title (de)

SYSTEME UND VERFAHREN ZUR TRANSKRIPTION UND ANALYSE VON RUNDFUNKNACHRICHTEN IN EINEM FLUGZEUG

Title (fr)

SYSTÈMES ET PROCÉDÉS DE TRANSCRIPTION ET D'ANALYSE DE MESSAGES DIFFUSÉS DANS UN AÉRONEF

Publication

**EP 4145421 A1 20230308 (EN)**

Application

**EP 22191088 A 20220818**

Priority

- IN 202111040372 A 20210906
- US 202117505247 A 20211019

Abstract (en)

Methods and systems provide a visual user interface on a display device associated with an aircraft. A Flight Information System (FIS) broadcast report; and an Air Traffic Control (ATC) broadcast message are received. The FIS broadcast report and the ATC broadcast message are transcribed. Ownship data for the aircraft is received. The ownship data concerns at least one of: a state of the aircraft, a flight plan for the aircraft and a state of components of the aircraft. The transcribed FIS broadcast report is analyzed with respect to the ownship data to determine filtered FIS information that is relevant to the ownship. A visual user interface (UI) is rendered to be displayed on the display device. The visual UI includes the transcribed ATC broadcast message and the filtered FIS information.

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)

Citation (search report)

- [X] EP 3474256 A1 20190424 - HONEYWELL INT INC [US]
- [X] US 2013346081 A1 20131226 - LOUBIERE VINCENT [FR], et al
- [A] US 2016202950 A1 20160714 - HAWLEY TERRANCE R [US]
- [A] EP 3534353 A1 20190904 - HONEYWELL INT INC [US]

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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