

Title (en)

AIRCRAFT MONITORING SYSTEM AND METHOD FOR ELECTRIC OR HYBRID AIRCRAFTS

Title (de)

FLUGZEUGÜBERWACHUNGSSYSTEM UND VERFAHREN FÜR ELEKTRISCHE ODER HYBRIDFLUGZEUGE

Title (fr)

SYSTÈME ET PROCÉDÉ DE SURVEILLANCE D'AÉRONEF POUR AÉRONEFS ÉLECTRIQUES OU HYBRIDES

Publication

**EP 3787923 A1 20210310 (EN)**

Application

**EP 19730214 A 20190503**

Priority

- CH 5642018 A 20180504
- US 201862724503 P 20180829
- US 201862758299 P 20181109
- US 201816211079 A 20181205
- IB 2018060696 W 20181228
- IB 2019053644 W 20190503

Abstract (en)

[origin: WO2019211659A1] This disclosure describes at least embodiments of an aircraft monitoring system for an electric or hybrid airplane. The aircraft monitoring system can be constructed to enable the electric or hybrid aircraft to pass certification requirements relating to a safety risk analysis. The aircraft monitoring system can have different subsystems for monitoring and alerting of failures of components, such as a power source for powering an electric motor, of the electric or hybrid aircraft. The failures that pose a greater safety risk may be monitored and indicated by one or more subsystems without use of programmable components.

IPC 8 full level

**B60L 58/10** (2019.01); **B60L 58/12** (2019.01); **G01R 31/00** (2006.01); **G01R 31/382** (2019.01); **G01R 31/396** (2019.01); **H02J 1/10** (2006.01); **H02J 7/00** (2006.01); **H02J 7/14** (2006.01); **H02J 7/34** (2006.01)

CPC (source: EP)

**B60L 58/10** (2019.01); **B60L 58/12** (2019.01); **G01R 31/00** (2013.01); **G01R 31/382** (2018.12); **G01R 31/396** (2018.12); **H02J 1/10** (2013.01); **H02J 7/0013** (2013.01); **H02J 7/0029** (2013.01); **H02J 7/0063** (2013.01); **G01R 31/008** (2013.01); **G01R 31/346** (2013.01); **G01R 31/389** (2018.12); **G01R 31/392** (2018.12); **H02J 7/00302** (2020.01); **H02J 7/00306** (2020.01); **H02J 2310/44** (2020.01); **Y02T 10/70** (2013.01)

Citation (search report)

See references of WO 2019211810A1

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)

**WO 2019211659 A1 20191107**; CN 112203891 A 20210108; CN 112203891 B 20231201; DE 212018000198 U1 20191128; EP 3787923 A1 20210310; EP 3790762 A1 20210317; EP 3790762 B1 20231220

DOCDB simple family (application)

**IB 2018060696 W 20181228**; CN 201880093181 A 20181228; DE 212018000198 U 20181228; EP 18845412 A 20181228; EP 19730214 A 20190503