

Title (en)

DEVICE AND METHOD FOR DATA COMMUNICATION IN AN AIRCRAFT SUBASSEMBLY

Title (de)

VORRICHTUNG UND VERFAHREN ZUR DATENKOMMUNIKATION IN EINER FLUGZEUGBAUGRUPPE

Title (fr)

DISPOSITIF ET PROCÉDÉ DE COMMUNICATION DE DONNÉES DANS UN SOUS-ENSEMBLE D'AÉRONEF

Publication

**EP 3808012 A1 20210421 (FR)**

Application

**EP 19737836 A 20190604**

Priority

- FR 1855322 A 20180618
- FR 2019051320 W 20190604

Abstract (en)

[origin: WO2019243694A1] The invention relates to the communication between electronic systems (10, 11) in an aircraft subassembly, such as a propulsive assembly (1). According to the invention, said communication is at least partially performed by light signals transmitted through at least one internal space (1A) of the subassembly, said internal space defining an optical channel. To this end, at least one of these systems (10) comprises an emitter (20) arranged so as to emit a light signal and to modulate it according to data to be transmitted generated by this system (10), and at least one other of these systems (11) comprises at least one receiver (31) for receiving said light signal.

IPC 8 full level

**H04B 10/114** (2013.01); **F02K 1/54** (2006.01)

CPC (source: EP US)

**B64D 31/02** (2013.01 - US); **B64D 47/02** (2013.01 - US); **F02C 9/00** (2013.01 - EP); **F02C 9/16** (2013.01 - US); **F02K 1/76** (2013.01 - EP); **H04B 10/114** (2013.01 - EP); **H04B 10/116** (2013.01 - US); **B64D 2203/00** (2013.01 - US); **F05D 2220/323** (2013.01 - US); **F05D 2270/01** (2013.01 - US); **F05D 2270/301** (2013.01 - US); **F05D 2270/3061** (2013.01 - US); **F05D 2270/54** (2013.01 - EP); **F05D 2270/804** (2013.01 - EP); **F05D 2270/8041** (2013.01 - EP); **Y02T 50/60** (2013.01 - EP)

Citation (search report)

See references of WO 2019243694A1

Designated contracting state (EPC)

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