

Title (en)
SYSTEMS AND METHODS FOR CONTROLLING AERIAL VEHICLES

Title (de)
SYSTEME UND VERFAHREN ZUR STEUERUNG VON LUFTFAHRZEUGEN

Title (fr)
SYSTÈMES ET PROCÉDÉS DE COMMANDE DE VÉHICULES AÉRIENS

Publication
EP 3625636 A1 20200325 (EN)

Application
EP 18837387 A 20180726

Priority

- US 201715662940 A 20170728
- US 201715662968 A 20170728
- US 201715663000 A 20170728
- US 201715663030 A 20170728
- US 2018043913 W 20180726

Abstract (en)
[origin: WO2019023465A1] Disclosed are systems, devices, and methods for controlling an aerial vehicle. An exemplary method may include receiving data indicating a location and an altitude of the aerial vehicle, receiving prevailing wind pattern data regarding winds at the location and the altitude of the aerial vehicle, selecting a heading for the aerial vehicle based on the prevailing wind pattern data, and causing the aerial vehicle to adjust the altitude of the aerial vehicle based on the selected heading.

IPC 8 full level
G05D 1/12 (2006.01); **B64C 39/02** (2006.01); **G05D 1/08** (2006.01); **G05D 1/10** (2006.01)

CPC (source: EP US)
G05D 1/10 (2024.01 - US); **G05D 1/105** (2024.01 - EP US); **B64U 10/30** (2023.01 - EP); **B64U 2201/00** (2023.01 - EP)

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 2019023465 A1 20190131; AU 2018306441 A1 20200123; AU 2018306441 B2 20201008; AU 2020264351 A1 20201203; CA 3068329 A1 20190131; CN 110832421 A 20200221; EP 3625636 A1 20200325; EP 3625636 A4 20210120; PH 12020500154 A1 20200914

DOCDB simple family (application)
US 2018043913 W 20180726; AU 2018306441 A 20180726; AU 2020264351 A 20201105; CA 3068329 A 20180726; CN 201880044001 A 20180726; EP 18837387 A 20180726; PH 12020500154 A 20200121