Title (en)

DRONE NOISE REDUCTION VIA SIMULTANEOUS PROPELLER MODULATION

Title (de)

GERÄUSCHVERMINDERUNG BEI DROHNEN MITTELS GLEICHZEITIGER PROPELLERMODULATION

Title (fr)

RÉDUCTION DU BRUIT D'UN DRONE GRÂCE À LA MODULATION SIMULTANÉE DES HÉLICES

Publication

EP 3475941 A1 20190501 (EN)

Application

EP 17737169 A 20170627

Priority

- US 201615194317 A 20160627
- US 201615194258 A 20160627
- US 201615255098 A 20160901
- US 2017039476 W 20170627

Abstract (en)

[origin: WO2018005472A1] Techniques for using an unmanned aerial vehicle (UAV) to deliver a payload while generating an expected sound by the UAV during delivery may be provided. For example, during delivery or while in flight, propellers of different sizes that are associated with the UAV may be instructed to modulate at different rotational speeds to thereby generate an expected sound.

IPC 8 full level

G10K 11/178 (2006.01)

CPC (source: EP)

G10K 11/178 (2013.01)

Citation (search report)

See references of WO 2018005472A1

Designated contracting state (EPC)

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Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

WO 2018005472 A1 20180104; CN 109478403 A 20190315; CN 109478403 B 20191122; EP 3475941 A1 20190501; EP 3475941 B1 20230906; JP 2019525864 A 20190912; JP 6637622 B2 20200129

DOCDB simple family (application)

US 2017039476 W 20170627; CN 201780042499 A 20170627; EP 17737169 A 20170627; JP 2018567277 A 20170627