

Title (en)

PASSENGER CARRYING UNMANNED AERIAL VEHICLE POWERED BY A HYBRID GENERATOR SYSTEM

Title (de)

PASSAGIERBEFÖRDENDEN, UNBEMANNTES, DURCH EIN HYBRIDGENERATORSYSTEM ANGETRIEBENES LUFTFAHRZEUG

Title (fr)

VÉHICULE AÉRIEN SANS PILOTE DE TRANSPORT DE PASSAGER ALIMENTÉ PAR UN SYSTÈME DE GÉNÉRATEUR HYBRIDE

Publication

EP 3455130 A4 20200318 (EN)

Application

EP 17796970 A 20170512

Priority

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- US 2017032493 W 20170512

Abstract (en)

[origin: WO2017197316A1] An unmanned aerial vehicle includes at least one rotor motor configured to drive at least one propeller to rotate; a passenger compartment sized to contain a human or animal passenger; and a hybrid generator system configured to provide power to the at least one rotor motor and to generate lift sufficient to carry the human or animal passenger. The hybrid generator system includes a rechargeable battery configured to provide power to the at least one rotor motor; an engine configured to generate mechanical power; and a generator motor coupled to the engine and configured to generate electrical power from the mechanical power generated by the engine.

IPC 8 full level

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CPC (source: EP US)

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Citation (search report)

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- [A] KR 101615486 B1 20160426 - HANKUK CARBON CO LTD [KR]
- [A] US 2011281679 A1 20111117 - LARRABEE DANIEL [US], et al
- [A] US 2016052626 A1 20160225 - VANDER MEY JAMES E [US]
- See also references of WO 2017197316A1

Designated contracting state (EPC)

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