

Title (en)

AIRCRAFT PROPULSION ARCHITECTURE INTEGRATING AN ENERGY RECOVERY SYSTEM

Title (de)

FLUGZEUGANTRIEBSARCHITEKTUR MIT INTEGRATION EINES ENERGIERÜCKGEWINNUNGSSYSTEMS

Title (fr)

ARCHITECTURE DE PROPULSION D'AERONEF INTEGRANT UN SYSTEME DE RECUPERATION D'ENERGIE

Publication

**EP 2739530 A1 20140611 (FR)**

Application

**EP 12753671 A 20120803**

Priority

- FR 1157122 A 20110803
- EP 2012065221 W 20120803

Abstract (en)

[origin: WO2013017680A1] The object of the invention is a drive system of at least one rotor of an aircraft via electrical energy in addition to or as a replacement of a mechanical system, characterised in that the electrical energy is provided at least in part by at least one device (104) for recovering thermal energy from hot gases of an internal combustion engine (1) of the aircraft.

IPC 8 full level

**B64C 27/12** (2006.01); **B64C 27/82** (2006.01); **B64D 27/24** (2006.01); **B64D 33/04** (2006.01)

CPC (source: EP US)

**B64C 27/04** (2013.01 - EP US); **B64D 27/026** (2024.01 - EP); **F02C 9/16** (2013.01 - US); **B64C 2027/8209** (2013.01 - EP US); **B64D 27/026** (2024.01 - US); **Y02T 50/60** (2013.01 - EP US)

Citation (search report)

See references of WO 2013017680A1

Cited by

US10526085B2; US10703471B2; US11174018B2; US11655022B2; US10377479B2; US10787253B2; US11186185B2; US11932125B2

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

DOCDB simple family (publication)

**WO 2013017680 A1 20130207**; CA 2843802 A1 20130207; CA 2843802 C 20190827; EP 2739530 A1 20140611; FR 2978728 A1 20130208; FR 2978728 B1 20140704; US 2014290208 A1 20141002; US 9885289 B2 20180206

DOCDB simple family (application)

**EP 2012065221 W 20120803**; CA 2843802 A 20120803; EP 12753671 A 20120803; FR 1157122 A 20110803; US 201214236621 A 20120803