

Title (en)
AERODYNAMIC ARM FOR AN AIRCRAFT TURBINE ENGINE CASING

Title (de)
AERODYNAMISCHER ARM FÜR EIN GEHÄUSE EINER FLUGZEUGTURBINE

Title (fr)
BRAS AERODYNAMIQUE DE CARTER POUR UNE TURBOMACHINE D'AERONEF

Publication
EP 3911860 A1 20211124 (FR)

Application
EP 20705409 A 20200107

Priority

- FR 1900319 A 20190114
- FR 2020050018 W 20200107

Abstract (en)
[origin: CA3123345A1] The invention relates to an aerodynamic arm (100) for an aircraft turbine engine casing, characterised in that it comprises: - a tubular outer shell (110) having a generally elongate shape extending substantially along an axis (A-A), the shell (110) comprising axial ends (112) for connecting to a turbine engine casing; - an electrically conductive core (120) extending inside the shell (110) and having ends for electrically connecting to each of the ends (112) of the shell (110); and - an insulating material (130) configured to occupy a space provided between the core (120) and the shell (110).

IPC 8 full level
F04D 29/54 (2006.01); **F01D 5/14** (2006.01); **F01D 5/28** (2006.01); **F01D 9/04** (2006.01); **F01D 9/06** (2006.01); **F01D 25/16** (2006.01); **F02C 7/20** (2006.01); **F02K 3/06** (2006.01); **F04D 29/02** (2006.01)

CPC (source: EP US)
B33Y 80/00 (2014.12 - US); **F01D 5/147** (2013.01 - EP US); **F01D 5/28** (2013.01 - EP US); **F01D 9/04** (2013.01 - EP); **F01D 9/041** (2013.01 - US); **F01D 9/065** (2013.01 - EP); **F01D 25/162** (2013.01 - EP); **F02C 7/20** (2013.01 - EP US); **F02K 3/06** (2013.01 - EP US); **F04D 29/023** (2013.01 - EP US); **F04D 29/542** (2013.01 - EP US); **B33Y 10/00** (2014.12 - US); **F05D 2220/323** (2013.01 - US); **F05D 2230/31** (2013.01 - US); **F05D 2240/12** (2013.01 - US); **F05D 2300/50** (2013.01 - EP); **Y02T 50/60** (2013.01 - EP)

Citation (search report)
See references of WO 2020148493A1

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)
FR 3091730 A1 20200717; **FR 3091730 B1 20210402**; CA 3123345 A1 20200723; CN 113260793 A 20210813; CN 113260793 B 20240116; EP 3911860 A1 20211124; US 2022056804 A1 20220224; WO 2020148493 A1 20200723

DOCDB simple family (application)
FR 1900319 A 20190114; CA 3123345 A 20200107; CN 202080007934 A 20200107; EP 20705409 A 20200107; FR 2020050018 W 20200107; US 202017421226 A 20200107