

Title (en)

AIRCRAFT ELEMENT REQUIRING AN ANTI-ICING TREATMENT

Title (de)

FLUGZEUGELEMENT MIT ERFORDERNIS EINER ENTEISUNGSBEHANDLUNG

Title (fr)

ÉLÉMENT D'AÉRONEF NÉCESSITANT UN TRAITEMENT CONTRE LE GIVRE

Publication

EP 2983989 A1 20160217 (FR)

Application

EP 14727579 A 20140408

Priority

- FR 1353165 A 20130409
- FR 2014050838 W 20140408

Abstract (en)

[origin: WO2014167237A1] The present invention relates to an aircraft element including a leading edge section (9) and a trailing edge section (11), said leading edge section including at least one anti-icing treatment device. Said aircraft element is characterized in that the trailing edge section (11) includes at least one superhydrophobic surface (21, 23).

IPC 8 full level

B64D 15/12 (2006.01)

CPC (source: EP US)

B64D 15/00 (2013.01 - EP US); **B64D 33/02** (2013.01 - EP US); **F02C 7/04** (2013.01 - EP US); **B64D 2033/0233** (2013.01 - EP US); **B64D 2033/0286** (2013.01 - EP US); **F05D 2300/512** (2013.01 - EP US)

Citation (search report)

See references of WO 2014167237A1

Citation (examination)

- JP 2010234989 A 20101021 - IKUTOKU GAKUEN KANAGAWA KOKA DAIGAKU
- EP 2343400 A1 20110713 - ROLLS ROYCE PLC [GB]
- EP 2886463 A1 20150624 - AIRBUS DEFENCE & SPACE GMBH [DE]
- WO 2010017289 A1 20100211 - ALCOA INC [US], et al

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 3004165 A1 20141010; **FR 3004165 B1 20150327**; EP 2983989 A1 20160217; US 10214293 B2 20190226; US 2016023771 A1 20160128; WO 2014167237 A1 20141016

DOCDB simple family (application)

FR 1353165 A 20130409; EP 14727579 A 20140408; FR 2014050838 W 20140408; US 201514877098 A 20151007