

Title (en)

AIRCRAFT PROPULSION UNIT HAVING REDUCED AERODYNAMIC DRAG

Title (de)

FLUGZEUGTRIEBWERKSEINHEIT MIT VERRINGERTEM LUFTWIDERSTAND

Title (fr)

ENSEMBLE PROPULSIF POUR AÉRONEF À TRAÎNÉE AÉRODYNAMIQUE RÉDUITE

Publication

**EP 3472049 A1 20190424 (FR)**

Application

**EP 17736987 A 20170613**

Priority

- FR 1655684 A 20160617
- FR 2017051508 W 20170613

Abstract (en)

[origin: WO2017216463A1] The invention concerns a nacelle (100) for an aircraft turbojet engine, comprising: - a fixed internal structure (19) intended to receive an aircraft turbojet engine; - an external structure (21) that defines, with said fixed internal structure, a flow channel (17) for a secondary air flow; - a set of lower (125) and upper (23) beams, linked together by the fixed internal structure (19). The nacelle according to the invention is remarkable in that an external wall (126) of the lower beam (125) is designed to at least partially define an external aerodynamic line (135) of the nacelle, intended to come into contact with an air flow Fext external to said nacelle, said external wall (126) of the lower beam (125) being further designed to tolerate the damage caused by said external air flow Fext.

IPC 8 full level

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CPC (source: EP US)

**B64D 27/18** (2013.01 - US); **B64D 29/06** (2013.01 - EP US)

Citation (examination)

- US 5369954 A 19941206 - STUART ALAN R [US]
- US 2015098810 A1 20150409 - SORIA CHRISTIAN [US], et al
- See also references of WO 2017216463A1

Designated contracting state (EPC)

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Designated extension state (EPC)

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DOCDB simple family (publication)

**WO 2017216463 A1 20171221**; EP 3472049 A1 20190424; FR 3052746 A1 20171222; FR 3052746 B1 20190503; US 10696415 B2 20200630; US 2019202574 A1 20190704

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