

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)

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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

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Designated extension state (EPC)

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