

Title (en)
ENGINE NACELLE WITH COWL LATCHING SYSTEM SUPPORTING CIRCUMFERENTIAL LOADS

Title (de)
TRIEBWERKSGONDEL MIT HAUBENEINKLINKSYSTEM MIT UMFANGSLASTUNTERSTÜTZUNG

Title (fr)
NACELLE POUR TURBORÉACTEUR AVEC DISPOSITIF DE REPRISE D'EFFORTS CIRCONFÉRENTIELS

Publication
EP 2576346 A2 20130410 (FR)

Application
EP 11726912 A 20110527

Priority
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Abstract (en)
[origin: WO2011151577A2] The invention relates to a nacelle (1) for an aircraft turbojet engine, comprising: a fan casing secured to a supporting pylon and surrounded by an outer fan cowl; an internal structure; a thrust reverser (50) comprising two removable half-cowls (51) hinged to the pylon along hinge lines (LC); and a device (6; 7; 8; 9; 10) for absorbing circumferential stresses connecting the upper edges (52) of the half-cowls (51) under the upstream portion of the pylon (2), said stress-absorbing device being disposed between the external line of an annular channel and the hinge lines (LC). The stress-absorbing device is shaped to: (i) lock the half-cowls (51) in the closed position when in a locking configuration, and (ii) allow the half-cowls (51) to be opened when in an unlocking configuration. In addition, said device is only attached to the half-cowls, such that the half-cowls can be opened independently of the opening/closing of the external fan cowl.

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CPC (source: EP US)
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