

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**

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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.

IPC 8 full level  
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