

Title (en)

Security locking device for the cowl of an engine pod

Title (de)

Sicherheitsverriegelung für die Klappe einer Flugzeugtriebwerksgondel

Title (fr)

Dispositif de verrouillage de sécurité pour le capuchon d'une gondole de moteur d'avion

Publication

**EP 2586707 A1 20130501 (EN)**

Application

**EP 11382332 A 20111027**

Priority

EP 11382332 A 20111027

Abstract (en)

Security locking device (100) for an indication device (40), the indication device (40) providing a warning signal when the fan cowl doors (10, 20) on an aircraft power unit nacelle are not properly latched, the indication device (40) being latched to the fan cowl doors by a primary locking device (101), the security locking device (100) comprising security locking means (102) providing a security alternative latch of the indication device (40) over the fan cowl doors (10, 20), such that the security locking means (102) are latched only by closing the indication device (40) over the fan cowl doors (10, 20), without the need of any further operation. The invention further relates to an aircraft comprising an indication device (40) providing a warning signal when the fan cowl doors (10, 20) on the aircraft power unit nacelle are not properly latched, such that it also comprises a security locking device (100) as the one described above.

IPC 8 full level

**B64D 29/06** (2006.01); **B64D 45/00** (2006.01); **E05B 41/00** (2006.01)

CPC (source: EP)

**E05B 41/00** (2013.01)

Citation (applicant)

- EP 09784126 A 20090709
- US 4531769 A 19850730 - GLANCY JERRY L [US]
- US 5620212 A 19970415 - BOURNE WILLIAM R [US], et al

Citation (search report)

- [X] EP 2348171 A1 20110727 - EUROCOPTER FRANCE [FR]
- [X] FR 2916425 A1 20081128 - AIRCELLE SA [FR]
- [X] EP 1091059 A2 20010411 - HARTWELL CORP [US]
- [A] US 2004104583 A1 20040603 - PORTE ALAIN [FR]
- [A] EP 1270406 A2 20030102 - HARTWELL CORP [US]

Cited by

CN105378201A; US11060331B2; US10240389B2; WO2015010271A1; WO2017058860A1

Designated contracting state (EPC)

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Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

**EP 2586707 A1 20130501**; **EP 2586707 B1 20160120**; ES 2569127 T3 20160506

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