

Title (en)

ACTUATING DEVICE FOR MOVING A MOBILE COWL OF A THRUST REVERSER

Title (de)

BETÄTIGUNGSVORRICHTUNG ZUR BEWEGUNG EINER MOBILEN ABDECKUNG EINER SCHUBUMKEHRVORRICHTUNG

Title (fr)

DISPOSITIF D'ACTIONNEMENT POUR DEPLACER UN CAPOT MOBILE D'UN INVERSEUR DE POUSSEE

Publication

EP 2841752 A1 20150304 (FR)

Application

EP 13719783 A 20130423

Priority

- FR 1253685 A 20120423
- EP 2013058402 W 20130423

Abstract (en)

[origin: WO2013160308A1] The invention relates to an actuating device (1) for moving a mobile cap of a thrust reverser, comprising: - an actuator comprising a first element (3), such as a screw, and a second element (4), such as a nut, collaborating with the first element in such a way that turning the first element causes the second element to move in a translational movement, - a locking piece (18) rotationally mobile between a locked position in which the locking piece prevents the first element (3) from turning, and an unlocked position in which the locking piece (18) allows the first element (3) to turn, and - an unlocking piece (25) rotationally mobile between an active position in which the unlocking piece (25) urges the locking piece (18) towards the unlocked position and a passive position in which the unlocking piece (25) allows the locking piece (18) to return to the locked position.

IPC 8 full level

F16H 25/20 (2006.01); **F02K 1/09** (2006.01); **F02K 1/72** (2006.01); **F02K 1/76** (2006.01); **F16H 25/24** (2006.01)

CPC (source: EP US)

F02K 1/09 (2013.01 - EP US); **F02K 1/72** (2013.01 - EP US); **F02K 1/763** (2013.01 - EP US); **F02K 1/766** (2013.01 - EP US); **F16H 25/20** (2013.01 - US); **F16H 25/2454** (2013.01 - EP US); **Y10T 74/18704** (2015.01 - EP US)

Citation (search report)

See references of WO 2013160308A1

Cited by

CN110192046A

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

FR 2989740 A1 20131025; **FR 2989740 B1 20160902**; EP 2841752 A1 20150304; US 10883446 B2 20210105; US 2015082927 A1 20150326; US 2017138305 A1 20170518; US 9422888 B2 20160823; WO 2013160308 A1 20131031

DOCDB simple family (application)

FR 1253685 A 20120423; EP 13719783 A 20130423; EP 2013058402 W 20130423; US 201314396379 A 20130423; US 201615216631 A 20160721