

Title (en)

ACTUATING DEVICE FOR MOVING A THRUST REVERSER

Title (de)

BETÄTIGUNGSVORRICHTUNG ZUM BEWEGEN EINER SCHUBUMKEHRVORRICHTUNG

Title (fr)

DISPOSITIF D'ACTIONNEMENT POUR DEPLACER UN INVERSEUR DE POUSSEE

Publication

EP 2841751 A1 20150304 (FR)

Application

EP 13719780 A 20130423

Priority

- FR 1253693 A 20120423
- EP 2013058386 W 20130423

Abstract (en)

[origin: WO2013160298A1] The invention concerns an actuating device (1) for moving a mobile cover of a thrust reverser, comprising: - an actuator (5) comprising a first element (10), such as a screw, and a second element (12), such as a nut, mounted mobile relative to the first element (10) such that the rotation of the first element (10) results in a translational movement of the second element (12) relative to the first element (10), and - a locking device (31) comprising a rotating part (34) linked in rotation with the first element (10), and a locking part (35) that is mobile relative to the rotating part (34) between a locked position in which the locking part (35) is engaged with the rotating part (34) to prevent the first element (10) from rotating and an unlocked position in which the locking part (35) is disengaged from the rotating part to allow the rotation of the first element (10), and an electromagnet (39) for moving the locking part (35) to the unlocked position.

IPC 8 full level

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

CPC (source: EP US)

F02K 1/763 (2013.01 - EP US); **F02K 1/766** (2013.01 - EP US); **F16H 25/2454** (2013.01 - EP US); **F16H 25/2204** (2013.01 - EP US); **F16H 2025/2093** (2013.01 - EP US)

Citation (search report)

See references of WO 2013160298A1

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 2989739 A1 20131025; FR 2989739 B1 20160108; BR 112014026355 A2 20170627; CA 2870996 A1 20131031; CN 104603441 A 20150506; CN 104603441 B 20160210; EP 2841751 A1 20150304; IN 8828DEN2014 A 20150522; RU 2014142604 A 20160610; US 2015377182 A1 20151231; US 9482182 B2 20161101; WO 2013160298 A1 20131031

DOCDB simple family (application)

FR 1253693 A 20120423; BR 112014026355 A 20130423; CA 2870996 A 20130423; CN 201380031198 A 20130423; EP 13719780 A 20130423; EP 2013058386 W 20130423; IN 8828DEN2014 A 20141020; RU 2014142604 A 20130423; US 201314396043 A 20130423