

Title (en)

METHOD AND DEVICE FOR TESTING A SYSTEM FOR ACTUATING A MOBILE STRUCTURE OF A THRUST REVERSER

Title (de)

VERFAHREN UND VORRICHTUNG ZUM TESTEN EINES SYSTEMS ZUR BETÄTIGUNG EINER BEWEGLICHEN STRUKTUR EINER SCHUBUMKEHRVORRICHTUNG

Title (fr)

PROCÉDÉ ET DISPOSITIF DE TEST D'UN SYSTÈME D' ACTIONNEMENT D'UNE STRUCTURE MOBILE D'UN INVERSEUR DE POUSSÉE

Publication

**EP 2890964 A1 20150708 (FR)**

Application

**EP 13758949 A 20130807**

Priority

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Abstract (en)

[origin: WO2014033387A1] The invention relates to a test device (2) comprising a test bench (5) comprising at least one counter-thrust cylinder (7) to be connected to an actuating cylinder (4) of an actuating system (3) to be tested, first means (15) for determining a digital model of a mobile structure of a thrust reverser, second means (16) for determining a force to be exerted by each counter-thrust cylinder on the associated actuating cylinder (4) according to the digital model of the mobile structure of the thrust reverser, thirds means (21) for determining a control set value to be applied to each counter-thrust cylinder (7), first control means (22) arranged so as to apply the previously determined corresponding control set value to each counter-thrust cylinder (7), second control means (23) arranged to apply a pre-determined control set value to each actuating cylinder (4), and fourth means (24) for determining at least one dynamic characteristic of each actuating cylinder (4).

IPC 8 full level

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**G01L 5/22** (2013.01 - US); **G01M 5/0075** (2013.01 - EP US); **G01M 13/00** (2013.01 - EP US); **G01M 99/007** (2013.01 - US)

Citation (search report)

See references of WO 2014033387A1

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