

Title (en)

ACTUATING DEVICE OF THE ARTICULATED LEVER OR CAM TYPE FOR THE PRECISE POSITIONING OF A PIVOTABLE ARM

Title (de)

BETÄTIGUNGSVORRICHTUNG VOM GELENKHEBEL- ODER NOCKENTYP ZUR GENAUEN POSITIONIERUNG EINES SCHWENKBAREN ARMS

Title (fr)

DISPOSITIF D'ACTIONNEMENT DE LEVIER ARTICULÉ OU TYPE DE CAME POUR LE POSITIONNEMENT PRÉCIS D'UN BRAS PIVOTANT

Publication

**EP 3078453 B1 20180404 (EN)**

Application

**EP 16164321 A 20160407**

Priority

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- EP 16164321 A 20160407

Abstract (en)

[origin: EP3078453A1] There is described an actuating device (10) of the articulated lever or cam type for the precise positioning of a pivotable arm (14) comprising a body (15) coupled to a sliding control piston (11), the piston (11) being connected to or coupled to actuating means (12a,12b) movable along a first piston axis (A) and operatively coupled to a pivotable arm (14) through interposition of an articulated lever or a cam mechanism (13) in order to induce a pivoting movement of the pivotable arm (14) about a first rotational axis (B) perpendicular to the piston axis (A) upon a sliding movement of the actuating means (12a,12b) along the piston axis (A), the pivotable arm (14) being movable between a non-operative angular position and an operative angular position, the actuating means (12a,12b) comprising a first (12a) and a second part (12b) displaceable with respect to one another along the piston axis (A), and adjusting means (20) for the adjustment of the length of the actuating means (12a,12b), characterized in that the adjusting means (20) comprise mechanical coupling means (21a,21b,22) acting on the first part (12a) of the actuating means in order to transform a rotary control movement imparted on said coupling means (21a,21b,22) about a second rotary axis (C) transversal to the piston axis (A), into a relative displacement between the first (12a) and the second (12b) part of the piston actuating means (12a,12b) along the piston axis (A), thereby modifying the length of the actuating means (12a,12b).

IPC 8 full level

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CPC (source: EP)

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Cited by

IT202000003805A1; IT201700091228A1; IT202000003784A1; WO2019030623A1; WO2021171189A1

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