

Title (en)

Return to neutral by double springs

Title (de)

Rückstellung zur Nullstellung durch Doppelfeder

Title (fr)

Rappel au neutre par double ressort

Publication

**EP 2509090 A1 20121010 (FR)**

Application

**EP 12162893 A 20120402**

Priority

FR 1152852 A 20110404

Abstract (en)

The device (1) has an elastic return unit i.e. helical spring, comprising a spring portion whose movable branch (12) is engaged with a driving abutment of an actuating part (3) and a blocking abutment (15) of a body (2) to move and block the branch along first and second rotating directions (R1, R2) from a neutral position, respectively. A movable branch of another spring portion is engaged with another driving abutment of the part and another blocking abutment of the body to move and block the latter branch along the second and first directions from the neutral position, respectively.

Abstract (fr)

La présente invention a pour objet un dispositif de contrôle rotatif (1) caractérisé en ce qu'il comporte des moyens de rappel élastiques comportant un premier moyen de rappel élastique (10) comportant une branche mobile (12), un deuxième moyen de rappel élastique (20) distinct du premier moyen de rappel élastique (10) comportant une branche mobile (22) ainsi qu'une poignée de télécommande comportant un tel dispositif (1).

IPC 8 full level

**H01H 23/30** (2006.01); **H01H 9/06** (2006.01)

CPC (source: EP)

**G05G 5/05** (2013.01); **G05G 9/047** (2013.01); **H01H 23/30** (2013.01); **H01H 2009/066** (2013.01)

Citation (applicant)

FR 2899995 A1 20071019 - BOSCH REXROTH D S I SOC PAR AC [FR]

Citation (search report)

- [I] FR 2823368 A1 20021011 - ITT MFG ENTERPRISES INC [US]
- [A] FR 2881268 A1 20060728 - BOSCH REXROTH D S I SOC PAR AC [FR]
- [A] US 5642806 A 19970701 - KARADIMAS MARGARET [US]

Cited by

FR3140346A1; WO2024069103A1; WO2021190826A1; FR3108773A1; US12019463B2

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)

**EP 2509090 A1 20121010**; FR 2973527 A1 20121005; FR 2973527 B1 20130329

DOCDB simple family (application)

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