

Title (en)
ELECTROMECHANICAL ACTUATOR AND HOME AUTOMATION INSTALLATION COMPRISING SUCH AN ACTUATOR

Title (de)
ELEKTROMECHANISCHER AKTUATOR UND HEIMAUTOMATISIERUNGSANLAGE MIT EINEM SOLCHEN AKTUATOR

Title (fr)
ACTIONNEUR ÉLECTROMÉCANIQUE ET INSTALLATION DOMOTIQUE COMPRENANT UN TEL ACTIONNEUR

Publication
EP 3717728 B1 20210901 (FR)

Application
EP 18807044 A 20181116

Priority
• FR 1771298 A 20171201
• EP 2018081637 W 20181116

Abstract (en)
[origin: WO2019105771A1] An electromechanical actuator comprises a spring brake (15) comprising a helical spring (22), a drum (23), an input member (24), an output member (25) and a cap (33). The drum (23) comprises a housing (26) comprising an inner friction surface (27) configured to cooperate with at least one turn of the spring (22). The input member (24) comprises a driving tooth (31) extending between the input member (24) and the cap (33). The input member (24) or the cap (33) comprises a spacer (34) extending between the input member (24) and the cap (33). The input member (24) comprises a first element (54) for radial retention of the spring (22) that extends between the tooth (31) and the spacer (34) along a first side (C1) of the brake (15). In addition, the cap (33) comprises a second element for radial retention of the spring (22) that extends between the tooth (31) and the spacer (34) along a second side (C2) of the brake (15).

IPC 8 full level
E06B 9/72 (2006.01); **E06B 9/84** (2006.01); **E06B 9/90** (2006.01)

CPC (source: EP US)
E06B 9/72 (2013.01 - EP US); **E06B 9/80** (2013.01 - US); **E06B 9/84** (2013.01 - EP); **E06B 9/90** (2013.01 - EP); **E06B 2009/905** (2013.01 - EP)

Cited by
WO2023126383A1; FR3131345A1

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

DOCDB simple family (publication)
WO 2019105771 A1 20190606; CN 111433427 A 20200717; CN 111433427 B 20210420; EP 3717728 A1 20201007; EP 3717728 B1 20210901; FR 3074516 A1 20190607; FR 3074516 B1 20191122; PL 3717728 T3 20220425; US 11053735 B2 20210706; US 2020332596 A1 20201022

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