

Title (en)
Tubular actuator for driving a roller shutter

Title (de)
Rohrförmiges Betätigungsteil zum Antrieb eines Rollladens

Title (fr)
Actionneur tubulaire d'entraînement d'un volet roulant

Publication
EP 2248987 A3 20110126 (FR)

Application
EP 10161734 A 20100503

Priority
FR 0902150 A 20090505

Abstract (en)
[origin: EP2248987A2] The actuator (1) has a geared motor and an output shaft arranged at an end of a tube (3). An anchor pin (2) at another end of tube comprises primary portions (20, 20') arranged partially outside the tube and secondary portions (40, 40') assembled in the tube. The primary portions comprise an axial extension inserted in a peripheral recess of the secondary portions and recapturing torque of the actuator. The extension is locked in translation along a longitudinal axis (X-X') with respect to the tube by locking units e.g. screws (34, 35, 37, 38).

IPC 8 full level
E06B 9/72 (2006.01); **E06B 9/174** (2006.01); **E06B 9/50** (2006.01)

CPC (source: CN EP KR US)
E06B 9/171 (2013.01 - KR); **E06B 9/174** (2013.01 - EP KR US); **E06B 9/42** (2013.01 - KR); **E06B 9/50** (2013.01 - EP KR US);
E06B 9/72 (2013.01 - CN EP KR US)

Citation (search report)

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- [AD] WO 2009016601 A2 20090205 - SOMFY SAS [FR], et al
- [AD] DE 202007005138 U1 20070712 - GEIGER GERHARD GMBH & CO [DE]
- [A] EP 1443172 A2 20040804 - GAPOSA SRL [IT]

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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 SE SI SK SM TR

Designated extension state (EPC)
BA ME RS

DOCDB simple family (publication)
EP 2248987 A2 20101110; EP 2248987 A3 20110126; EP 2248987 B1 20150902; AU 2010201783 A1 20101125; AU 2010201783 B2 20160825; CA 2701665 A1 20101105; CA 2701665 C 20170822; CN 101881130 A 20101110; CN 106593279 A 20170426; FR 2945314 A1 20101112; FR 2945314 B1 20110701; KR 101870437 B1 20180622; KR 20100120271 A 20101115; PL 2248987 T3 20160129; RU 2010117799 A 20111110; RU 2514262 C2 20140427; US 2010282890 A1 20101111; US 9175514 B2 20151103

DOCDB simple family (application)
EP 10161734 A 20100503; AU 2010201783 A 20100504; CA 2701665 A 20100503; CN 201010176130 A 20100505; CN 201611191206 A 20100505; FR 0902150 A 20090505; KR 20100042232 A 20100506; PL 10161734 T 20100503; RU 2010117799 A 20100504; US 77408010 A 20100505