

Title (en)

Actuation device for roll-up elements and the like

Title (de)

Antriebsvorrichtung für aufrollbare Elemente oder dergleichen

Title (fr)

Dispositif d'entraînement pour des éléments enroulables ou similaires

Publication

EP 0940552 A3 20011010 (EN)

Application

EP 99102772 A 19990223

Priority

IT MI980438 A 19980304

Abstract (en)

[origin: EP0940552A2] An actuation device for roll-up elements and the like comprising a tubular body (1) which can be inserted in the tube (2) of a roll-up element (3). The tubular body (1) has a supporting head (10) at one end and an actuation element (11) for turning the tube (2) at the other end. The device further comprises, inside the tubular body (1), an electric motor (20), a brake (22) which is adapted to prevent the movement of the roll-up element (3) when the motor (20) is not powered, and a reduction unit (23) which is adapted to turn the actuation element (11). Stroke limiting elements (30) externally to the tubular body (1) are further provided. <IMAGE>

IPC 1-7

E06B 9/72; E06B 9/90

IPC 8 full level

E06B 9/72 (2006.01); **E06B 9/90** (2006.01)

CPC (source: EP)

E06B 9/72 (2013.01); **E06B 9/90** (2013.01)

Citation (search report)

- [Y] EP 0751278 A1 19970102 - BUBENDORFF SA [FR]
- [Y] DE 3806733 A1 19890914 - ELERO ANTRIEB SONNENSCHUTZ [DE], et al
- [PY] EP 0859116 A1 19980819 - BECKER ANTRIEBE GMBH [DE]
- [Y] DE 19514229 A1 19961017 - GEZE GMBH & CO [DE]
- [PY] US 5803150 A 19980908 - BOITEAU JEAN-PHILIPPE [FR]

Cited by

EP1050660A3; CN103806826A

Designated contracting state (EPC)

AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)

EP 0940552 A2 19990908; **EP 0940552 A3 20011010**; **EP 0940552 B1 20051005**; AT E306011 T1 20051015; DE 69927540 D1 20060216; DE 69927540 T2 20060622; ES 2249851 T3 20060401; HK 1022503 A1 20000811; IT 1298335 B1 19991220; IT MI980438 A1 19990904

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