

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)

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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

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**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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