

Title (en)

Device for winding a roll type closure

Title (de)

Vorrichtung zum Auf- und Abwickeln eines Behanges

Title (fr)

Dispositif d'entraînement pour volet roulant

Publication

**EP 1445417 B1 20060705 (FR)**

Application

**EP 04300012 A 20040108**

Priority

- FR 0300387 A 20030115
- FR 0301666 A 20030212

Abstract (en)

[origin: EP1445417A1] The device has a winded tube (2) maintained on both sides by a support flange (3). A manual driven winch (14) controls the tube across a rotating motor (5). An adjustment unit is placed in an axial position from the winch with respect to the flange. The axial position is at side of tubes end receiving the motor. The adjustment unit is defined by an assembly unit axially sliding the winch with respect to flange.

IPC 8 full level

**E06B 9/72** (2006.01); **E06B 9/74** (2006.01); **E05F 11/54** (2006.01)

CPC (source: EP)

**E06B 9/72** (2013.01); **E06B 9/74** (2013.01); **E05F 11/54** (2013.01); **E05Y 2201/676** (2013.01); **E05Y 2400/3014** (2024.05); **E05Y 2900/00** (2013.01); **E05Y 2900/106** (2013.01); **E05Y 2900/132** (2013.01); **E05Y 2900/146** (2013.01)

Cited by

EP2028574A1; FR2920181A1

Designated contracting state (EPC)

DE ES FR IT

DOCDB simple family (publication)

**EP 1445417 A1 20040811**; **EP 1445417 B1 20060705**; DE 602004001407 D1 20060817; DE 602004001407 T2 20070503; ES 2268596 T3 20070316; FR 2849892 A1 20040716; FR 2849892 B1 20051021

DOCDB simple family (application)

**EP 04300012 A 20040108**; DE 602004001407 T 20040108; ES 04300012 T 20040108; FR 0301666 A 20030212