

Title (en)  
Winding device

Title (de)  
Wickelvorrichtung

Title (fr)  
Mécanisme d'enroulement

Publication  
**EP 1312858 B1 20080618 (DE)**

Application  
**EP 02025204 A 20021111**

Priority  
DE 20118773 U 20011120

Abstract (en)  
[origin: US2003095412A1] A winding apparatus (23), comprising a guiding means (25) by means of which a drawing material (32) can be led onto a cylindrical drum surface (37) of a reel (24) rotatable about its axis (26) relative to the guiding means (25) and said drawing material can be taken up onto said drum surface (37), is used for instance for adjusting the height of a suspended luminaire. In order to optically advantageously configure the connection of this winding apparatus (23) to the drawing material (32), the axis (26) of the reel (24) is oriented in the direction in which the drawing material (32) runs on entering the winding apparatus (23).

IPC 8 full level  
**F21V 27/00** (2006.01); **F21V 21/18** (2006.01); **H01R 13/58** (2006.01)

CPC (source: EP US)  
**F21V 21/18** (2013.01 - EP US)

Designated contracting state (EPC)  
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LI LU MC NL PT SE SK TR

DOCDB simple family (publication)  
**US 2003095412 A1 20030522; US 6758581 B2 20040706**; AT E398754 T1 20080715; DE 20118773 U1 20030403; DE 50212378 D1 20080731;  
EP 1312858 A2 20030521; EP 1312858 A3 20060607; EP 1312858 B1 20080618

DOCDB simple family (application)  
**US 30015902 A 20021120**; AT 02025204 T 20021111; DE 20118773 U 20011120; DE 50212378 T 20021111; EP 02025204 A 20021111