

Title (en)

Method and device for laying extended coil windings

Title (de)

Verfahren und Vorrichtung zum Verlegen von langgestrecktem Wickelgut

Title (fr)

Procédé et dispositif de pose de matériau d'enroulement en zone allongée

Publication

EP 1847498 B1 20121121 (DE)

Application

EP 07008005 A 20070419

Priority

DE 102006018428 A 20060420

Abstract (en)

[origin: EP1847498A1] The method for the laying of long wound material (20), such as wire, insulated or uninsulated leads, glass fibers, and suchlike, entails recording the position of the flanges (13,14) of the winding reel (11) by means of a sensing unit (37), and from the measured values of the sensing unit deriving control signals for the movement of the deflection roller. The speed of feed of the wound material is also recorded by a speed measurement unit and this value is also used for deriving the control signals for movement of the deflection roller. An independent claim is included for a device for implementing the method in which the laying unit (32) has a sensing unit which records at least the position of the reel flanges and also the coil diameter of the already laid material.

IPC 8 full level

B65H 54/28 (2006.01)

CPC (source: EP US)

B65H 54/286 (2013.01 - EP US); **B65H 54/2878** (2013.01 - EP US); **D07B 2207/4036** (2013.01 - EP US)

Citation (examination)

- JP H05310369 A 19931122 - SUMITOMO ELECTRIC INDUSTRIES
- DE 202005018939 U1 20060202 - UHING JOACHIM GMBH & CO KG [DE]

Cited by

CN105636890A; EP2669227A3

Designated contracting state (EPC)

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DOCDB simple family (publication)

EP 1847498 A1 20071024; **EP 1847498 B1 20121121**; DE 102006018428 A1 20071025; DE 102006018428 B4 20151008; DE 102006018428 B8 20151217; ES 2399919 T3 20130404; JP 2007290870 A 20071108; JP 5207655 B2 20130612; PL 1847498 T3 20130430; PT 1847498 E 20130222; US 2007284472 A1 20071213; US 7370823 B2 20080513

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