

Title (en)

Cable winding and packaging.

Title (de)

Kabelaufroll- und Kabelverpackungsverfahren.

Title (fr)

Méthode pour enrouler et emballer un câble.

Publication

**EP 0398682 A1 19901122 (EN)**

Application

**EP 90305279 A 19900516**

Priority

GB 8911200 A 19890516

Abstract (en)

The cable winding apparatus includes a conveyor system (12) which moves empty cable formers (10) into position beneath a winding station (14) mounted on a support framework (22) above the conveyor (12). During winding of cable onto the former (10), a plate (36) is held against the top of the former (10) to prevent cable slipping over the top thereof. The cable is wound by means of a rotary/traverse cable guide (20) which has a rotating guide arm (24). As the guide arm (24) is raised and lowered to ensure an even winding, the plate (36) is kept in contact with the former (10) by a plate clamping mechanism (38,39, 45). The former (10) is a lightweight body comprising a pallet (40) and an integral frusto-conical body (42) onto which the cable is wound. A recess is provided in the base of the pallet (40) and frusto-conical body (42) to allow a number of such formers (10) to be nested when empty.

IPC 1-7

**B65H 54/10**

IPC 8 full level

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CPC (source: EP)

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Citation (search report)

- [A] DE 2948241 A1 19810604 - HENRICH WERNER
- [A] US 3399761 A 19680903 - AKIRA HAYASHI
- [A] AU 1336566 A 19680502
- [A] DE 1210650 B 19660210 - WILLY AUMANN KOMMANDITGESELLSC

Cited by

CN105502083A; CN110884949A; CN113562545A; WO2006037395A1; EP0504503B1

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