

Title (en)

Apparatus for applying and centering a thermoplastics sleeve around an article by means of a vertical member provided with a floating mandrel.

Title (de)

Vorrichtung zum Anbringen und Zentrieren eines thermoplastischen Schlauches um Gegenstände durch ein vertikales mit schwebenden Dorn versehenes Element.

Title (fr)

Dispositif de pose et centrage de gaine thermoplastique autour d'objets au moyen d'un ensemble vertical à mandrin flottant.

Publication

**EP 0069011 A1 19830105 (FR)**

Application

**EP 82401153 A 19820623**

Priority

FR 8112924 A 19810701

Abstract (en)

[origin: ES8304473A1] An apparatus for fitting and centering a sheath such as a thermoplastic sleeve about an object comprises a vertically floating mandrel about which the sheath is fed downwardly toward the object which is to be sheathed. The mandrel is provided with a hollow passage in its lower portion to receive a normally vertically movable member, the vertically movable member carrying at its normally lower end a mold member adapted to engage the head of the object which is to be sheathed, so as to guide and center the transfer of the sheath to the object. The mandrel is provided with a recess opening inwardly from its exterior periphery and into communication with the hollow passage providing a first element lying in the recess and connected to the vertically movable member, so that movement imparted to the first element and causes movement of the vertically movable member, a second element, a drive means located exteriorly of the mandrel for driving the second element. The drive means is operable to move the second element from a location exterior of the mandrel into engagement with the first element, and for subsequently moving the second element while in engagement with the first element to cause lowering of the vertically movable member and the mold member carried by the vertically movable member from an initial elevated position, thereby causing the mold member to engage the head of the object which is to be sheathed.

Abstract (fr)

L'invention se situe dans le domaine des machines à ensemble vertical avec mandrin flottant, maintenu en sustentation par des roulements et muni dans sa partie inférieure creuse d'une pièce mobile avec empreinte destinée à coiffer la tête de l'objet à manchonner, pour la pose et le centrage de manchons autour de récipients et objets divers. Le procédé consiste à actionner la pièce mobile (10), tout en faisant descendre la gaine (7) le long du mandrin (1) depuis l'extérieur, par des moyens purement mécaniques, comme par exemple des roulements (13) et galets (12) actionnés par bras-support. Application avec manchonnage d'objets divers.

IPC 1-7

**B65B 9/14**

IPC 8 full level

**B65B 9/14** (2006.01)

CPC (source: EP US)

**B65B 9/14** (2013.01 - EP US); **Y10T 29/53987** (2015.01 - EP US)

Citation (search report)

- [Y] US 2846835 A 19580812 - AGUILAR JOHN G, et al
- [Y] FR 2300009 A1 19760903 - THIMON SA [FR]
- [A] US 2623673 A 19521230 - HOLSTEIN JOHN H

Designated contracting state (EPC)

AT BE CH DE GB IT LI NL SE

DOCDB simple family (publication)

**EP 0069011 A1 19830105; EP 0069011 B1 19851106**; AT E16374 T1 19851115; CA 1202460 A 19860401; DE 3267270 D1 19851212; ES 513612 A0 19830316; ES 8304473 A1 19830316; FR 2508841 A1 19830107; FR 2508841 B3 19840427; PT 75158 A 19820701; PT 75158 B 19840105; US 4600371 A 19860715

DOCDB simple family (application)

**EP 82401153 A 19820623**; AT 82401153 T 19820623; CA 405548 A 19820621; DE 3267270 T 19820623; ES 513612 A 19820630; FR 8112924 A 19810701; PT 7515882 A 19820630; US 39363782 A 19820630