Title (en)

DEVICE FOR SETTING SLEEVES ON OBJECTS MOVING PAST

Title (de)

VORRICHTUNG ZUM ANBRINGEN VON HÜLSEN AUF VORBEILAUFENDEN GEGENSTÄNDEN

Title (fr)

DISPOSITIF DE POSE DE MANCHONS SUR DES OBJETS EN DEFILEMENT

Publication

**EP 1080012 A1 20010307 (FR)**

Application

**EP 99919324 A 19990512**

Priority

- FR 9901135 W 19990512
- FR 9806399 A 19980520

Abstract (en)

[origin: US6684599B1] The invention relates to apparatus for placing sleeves on conveyed articles, said sleeves being cut-off from a continuous sheath (13) passing over a floating type sheath-opening shaper (20). According to the invention, the wheels (30, 31) for lowering the sheath and the wheels (32, 33) for ejecting the cut-off sheath segment (15) are rotated by associated electric motors (41; 42, 43) controlled synchronously by a common electronic programmer (50) arranged to determine a continuous profile of speed variation so as to control the lowering of each sheath segment, said programmer including at least one control card (55) which co-operates with an adjacent encoder (47) mounted at the end of a shaft (46) rotated by a central motor and gearbox unit (40, 45). The synchronization obtained makes it possible to envisage very high rates of throughput while using sleeves of a diameter that is hardly greater than the maximum diameter of the articles.

IPC 1-7

**B65B 9/14**

IPC 8 full level

**B65B 9/14** (2006.01); **B65B 53/00** (2006.01); **B65C 3/08** (2006.01); **B65C 9/02** (2006.01); **B65C 9/42** (2006.01)

CPC (source: EP US)

**B65B 9/14** (2013.01 - EP US); **B65C 3/065** (2013.01 - EP US)

Citation (search report)

See references of WO 9959871A1

Designated contracting state (EPC)

AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)

**US 6684599 B1 20040203**; AT E211986 T1 20020215; AU 3714199 A 19991206; AU 735870 B2 20010719; BR 9910597 A 20010116; CA 2332640 A1 19991125; CA 2332640 C 20050823; DE 69900684 D1 20020221; DE 69900684 T2 20020912; EP 1080012 A1 20010307; EP 1080012 B1 20020116; FR 2778890 A1 19991126; FR 2778890 B1 20000707; JP 2002515378 A 20020528; JP 3523201 B2 20040426; WO 9959871 A1 19991125

DOCDB simple family (application)

**US 70078600 A 20001120**; AT 99919324 T 19990512; AU 3714199 A 19990512; BR 9910597 A 19990512; CA 2332640 A 19990512; DE 69900684 T 19990512; EP 99919324 A 19990512; FR 9806399 A 19980520; FR 9901135 W 19990512; JP 2000549503 A 19990512